



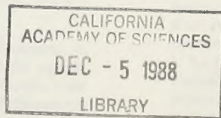
Volume 8

Synopsis Speciorum. Mollusca: Cephalopoda

Stephen J. Stephen<sup>1</sup> & Diana R. Laubitz<sup>2</sup>

<sup>1</sup>Huntsman Marine Science Centre  
Brandy Cove  
St. Andrews, New Brunswick  
Canada E0G 2X0

<sup>2</sup>Invertebrate Zoology Division  
National Museum of Natural Sciences  
National Museums of Canada  
Ottawa, Canada K1P 6P4



National Museum of Natural Sciences  
National Museums of Canada

Musée national des sciences naturelles  
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BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIS (BIBLIOGRAPHIA) is published as a series of volumes of selected information from the computerized Bibliography of Canadian Aquatic Invertebrates maintained by the National Museum of Natural Sciences, National Museums of Canada. It encompasses three general areas: an index of generic names (*Index Generum*); a list of the references used in BIBLIOGRAPHIA (*Index Bibliographicus*); and a compilation of published information on species, by taxonomic group (*Synopsis Speciorum*).

Volumes are published at irregular intervals. English and French texts appear in each volume. Copies of individual volumes are available without charge by mail from the National Museum of Natural Sciences, Ottawa, Canada K1P 6P4.

BIBLIOGRAPHIA Volume 8  
©National Museums of Canada 1988  
Printed in Canada  
ISBN 0-662-11272-5  
NM Cat. no. NM 92-89/8-1988

Editors: Chang-tai Shih, Diana Laubitz and Ian Sutherland

Cover design: Sally Gadd

BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIS (BIBLIOGRAPHIA) est une collection de volumes qui contiennent des renseignements choisis provenant de la Bibliographie informatisée des invertébrés aquatiques du Canada, tenue par le Musée national des sciences naturelles, Musées nationaux du Canada. Cette bibliographie comprend trois éléments principaux: une liste générique (*Index Generum*); une liste de références utilisées dans BIBLIOGRAPHIA (*Index Bibliographicus*); et une compilation des informations publiées sur les espèces, par groupe taxinomique (*Synopsis Speciorum*).

Ces volumes ne sont pas publiés régulièrement. Les textes paraissent en français et en anglais dans chaque volume. Des exemplaires de certains volumes sont disponibles sans frais. Prière d'écrire au Musée national des sciences naturelles, Ottawa, Canada K1P 6P4.

BIBLIOGRAPHIA Volume 8  
©Musées nationaux du Canada 1988  
Imprimé au Canada  
ISBN 0-662-11272-5  
Numéro de catalogue NM 92-89/8-1988

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Dessin de la couverture: Sally Gadd

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## PREFACE

Publications on aquatic invertebrates of Canada first appeared in the late eighteenth century. During the early days, taxonomic studies dominated the literature, and many of these were published as part of the scientific results of expeditions or in monographs of taxonomic groups. With the advance of science, the scope of invertebrate studies has expanded to cover a large number of different fields, such as ecology, fisheries, physiology, biochemistry and genetics. Consequently, results of these studies have been published in hundreds of different kinds of scientific journals and reports, some of which are obscure and difficult to obtain. It has thus become tremendously difficult to assemble available published information on the aquatic invertebrate fauna of our country. In the past, bibliographers attempted to compile information on these animals but most of them limited their scope to a taxonomic group, an ecological unit, or a special topic.

The Bibliography of Canadian Aquatic Invertebrates, *Bibliographia Invertebratorum Aquaticorum Canadensium*, was started in 1973, and in 1975 became a special project of the Canadian Oceanographic Identification Centre; since 1979 it has been carried on by the Invertebrate Zoology Division of the National Museum of Natural Sciences. The purpose of this project is to document as many as possible of the scientific names applied to Canadian marine and freshwater invertebrates, to establish a list of currently recognized species, and to compile relevant published data, such as records of distribution and categories of studies for each species. All Recent free living and ectoparasitic species are included but all insects, protozoans, and endoparasites are excluded.

*Bibliographia* deals with all marine and freshwater environments in Canada. However, in order to present a complete synopsis of the aquatic invertebrate fauna of northern North America, Alaska, Puget Sound, Lake Champlain and the whole of the Great Lakes, except Lake Michigan, are included.

In the freshwater environment, all permanent and temporary inland water bodies are considered. Thirteen regions are recognized based on political boundaries, namely: British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland, Alaska (including the Aleutian Islands east of 170°W), Yukon Territory, and Northwest Territories, and two based on natural water bodies: St. Lawrence Great Lakes and Lake Champlain.

In the marine environment we have covered localities (from about 48°W to 170°W) within the 200-metre bathymetric contour but including deeper waters of embayments and passages between islands. Three regions are recognized: Pacific, Arctic, and Atlantic. The Pacific Region covers the coastal waters from Cape Flattery, Washington to the Aleutian Islands, Alaska,

## PRÉFACE

Les premières publications sur les invertébrés aquatiques du Canada ont paru vers la fin du XVIII<sup>e</sup> siècle. Au début, la littérature sur cette question était dominée par les études taxinomiques, dont beaucoup étaient publiées sous forme de tranches de résultats d'expéditions scientifiques, ou de monographies sur des groupes taxinomiques. Avec les progrès de la science, le champ des études des invertébrés s'est étendu à un grand nombre d'autres domaines, dont l'écologie, les pêcheries, la physiologie, la biochimie et la génétique. Par conséquent, les résultats de ces études ont paru dans des centaines de types différents de revues et de rapports scientifiques, dont certains sont peu connus et d'accès difficile. Il est donc devenu extrêmement difficile de rassembler toute la documentation publiée sur les invertébrés aquatiques de notre pays. Par le passé, des bibliographes se sont efforcés de réunir l'information sur ces animaux mais, dans la plupart des cas, ont limité leurs travaux à un groupe taxinomique, à une zone écologique ou à un sujet particulier.

Les travaux sur la Bibliographie des invertébrés aquatiques du Canada, *Bibliographia Invertebratorum Aquaticorum Canadensium*, ont commencé en 1973; en 1975, ils devenaient un projet spécial du Centre canadien d'identification océanographique et, depuis 1979, c'est la Division de la zoologie des invertébrés, au Musée national des sciences naturelles, qui s'en charge. Ce projet a pour but de recueillir le plus grand nombre possible de noms scientifiques qui désignent les invertébrés d'eau salée ou d'eau douce du Canada, de dresser une liste des espèces actuellement reconnues et de réunir les données publiées pertinentes, notamment celles concernant la répartition et les études relatives à chacune de ces espèces. Le projet embrasse toutes les espèces d'invertébrés indépendants et ectoparasites du Quaternaire récent, mais ne comprend pas les insectes, les protozoaires et les endoparasites.

La *Bibliographia* porte sur tous les milieux d'eau salée et d'eau douce du Canada. Toutefois, afin que la synopsis englobe la faune des invertébrés aquatiques de toute l'Amérique du Nord septentrionale, notre étude embrasse également l'Alaska, Puget Sound, le lac Champlain, et les Grands Lacs, sauf le lac Michigan.

Dans les eaux douces, toutes les masses d'eau permanentes et temporaires de l'intérieur sont comprises. Le territoire étudié est subdivisé en treize régions correspondant au découpage politique: Colombie-Britannique, Alberta, Saskatchewan, Manitoba, Ontario, Québec, Nouveau-Brunswick, Nouvelle-Écosse, Île-du-Prince-Édouard, Terre-Neuve, Alaska (y compris les Aléoutiennes à l'est de 170° 0'), Territoire du Yukon et Territoires du Nord-Ouest, et deux régions correspondant aux grandes masses d'eau: les Grands Lacs du Saint-Laurent, et le lac Champlain.

En ce qui concerne les eaux salées, notre travail englobe tous les endroits situés à l'intérieur de la courbe bathymétrique de 200 m (entre approximativement 48° et 170° 0'), mais aussi les eaux profondes des enfoncements du littoral et des passages entre les îles. Le territoire étudié est subdivisé en trois régions correspondant aux trois océans: Pacifique, Arctique et Atlantique. La région du

including Juan de Fuca Strait, Puget Sound, and the Gulf of Alaska. The Arctic Region, from the Aleutian Islands to Cape Chidley, Labrador, includes the eastern Bering and Chukchi seas, and southern Beaufort Sea, and the coastal waters around and passages between the Canadian arctic islands. The Atlantic Region, from Cape Chidley to Browns Bank and the mouth of the Bay of Fundy, includes the Gulf of St. Lawrence and the Laurentian Channel.

Conventional tools, such as *Zoological Record* and *Biological Abstracts*, were used to search the literature. Complete runs of more than forty scientific journals which have been the primary sources for publications on aquatic invertebrates in general and Canadian species in particular were scanned, including: all publications in zoology by the National Museums of Canada and the United States National Museum; all publications by the Fisheries Research Board of Canada, *Canadian Journal of Zoology* and *The Canadian Field-Naturalist*, in all their different incarnations; and *Le Naturaliste canadien*. Subsequently, references cited in the publications reviewed were checked. We have striven to search all literature of aquatic invertebrates up to and including 1976 but realize that no endeavour of this sort could ever be complete\*. In all we have reviewed works published in more than 700 different scientific journals and expedition reports and in numerous books, and abstracted relevant information from about 5 000 articles. Updating of our list of references to certain taxonomic groups has been carried on in conjunction with the preparation of several publications for *Bibliographia*, increasing the number of articles to about 6 500. This information is stored in the computer system of the Canadian Heritage Information Network of the National Museums of Canada.

With the computer facilities, three kinds of publications are being produced: a generic list, *Index Generum* (Volume 1), a reference list, *Index Bibliographicus* (Volume 2), and a series of species synopses of the taxonomic groups, *Synopsis Speciorum* (Volume 3 et seq.). In 1982, the inventory contained more than 17 000 species names in about 4 700 genera, from almost all phyla of the Animal Kingdom. Obviously, we will need the help of specialists to clarify the validity of some of these names, and we invite scholars to author publications in the *Synopsis Speciorum* series.

This bibliography programme would not have been accomplished without the collective efforts of many people. In 1973, Diana Laubitz started to compile a bibliography of Canadian marine benthic invertebrates. This project was expanded to its present form in 1975 by Chang-tai Shih, Diana Laubitz, and Ian Sutherland. Nishi Sharma (1975-1980) and Penelope Adams (summers of

Pacifique englobe les eaux côtières depuis le cap Flattery (État de Washington) aux îles Aléoutiennes (Alaska), y compris le détroit de Juan de Fuca, Puget Sound, et le golfe d'Alaska. La région de l'Arctique s'étend des îles Aléoutiennes au cap Chidley (Labrador), y compris la partie orientale de la mer de Béring et de la mer des Tchoukatch, et la partie méridionale de la mer de Beaufort, ainsi que les eaux côtières entourant les îles de l'Arctique canadien et les passages entre celles-ci. La région de l'Atlantique s'étend du cap Chidley (Labrador) jusqu'au banc de Browns et à l'embouchure de la baie de Fundy, y compris le golfe du Saint-Laurent et le chenal Laurentien.

Pour orienter nos recherches, nous avons consulté des volumes de références, comme le *Zoological Record* et les *Biological Abstracts*. De plus, nous avons dépouillé la collection complète de plus de quarante revues scientifiques, qui ont constitué les principales sources de publications sur les invertébrés aquatiques en général et sur les espèces du Canada en particulier, notamment: toutes les publications sur la zoologie des Musées nationaux du Canada et de l'United States National Museum; toutes les publications du Conseil de recherches sur les pêcheries du Canada, le *Journal canadien de zoologie* et le *Canadian Field-Naturalist* dans tous leurs avatars, et *Le naturaliste canadien*. Il s'agissait ensuite de retracer les références indiquées dans les publications dépouillées. Nous avons essayé d'examiner toute la documentation au sujet des invertébrés aquatiques publiée jusqu'en 1976 inclusivement, mais nous nous rendons compte qu'aucune tentative de ce genre ne sera jamais entièrement couronnée de succès\*. En tout, le dépouillement à porté sur les travaux publiés dans plus de 700 revues scientifiques et rapports d'expéditions et dans de nombreux ouvrages, et quelque 5 000 articles ont fourni des données pertinentes. Concurrentement avec la préparation de plusieurs publications pour *Bibliographia* nous avons aussi mis à jour notre liste de références pour certains groupes taxinomiques, et la liste compte maintenant près de 6 500 articles. Ces informations sont stockées dans la banque du Réseau canadien d'information sur le patrimoine, aux Musées nationaux du Canada.

Nous servant des ressources de l'information, nous produisons trois types de publications: une liste générique, *Index Generum* (Volume 1); une liste de références, *Index Bibliographicus* (Volume 2); et une série de synopsis sur les espèces des groupes taxinomiques, *Synopsis Speciorum* (Volume 3 et suivants). En 1982, nos données renfermaient le nom de plus de 17 000 espèces appartenant à quelque 4 700 genres provenant de presque tous les embranchements du règne animal. Évidemment, il nous faudra obtenir l'aide de spécialistes pour contrôler la validité de certains de ces noms. Des chercheurs seront invités à écrire des textes pour la série des *Synopsis Speciorum*, et ils auront accès à cette fin aux données informatisées.

Cette bibliographie n'existerait pas sans les efforts concertés d'un grand nombre de personnes. En 1973, Diana Laubitz a commencé à établir une bibliographie des invertébrés benthiques du Canada. En 1975, Chang-tai Shih, Diana Laubitz et Ian Sutherland étendirent la portée de ce projet et lui donnèrent sa forme actuelle. Nishi Sharma (1975-1980) et Penelope Adams

\*For recent publications, computerized retrieval systems are available, through, for instance, Canada Institute for Scientific and Technical Information (CISTI) of the National Research Council of Canada.

\*Pour retracer les publications récentes, il existe des systèmes informatiques de recherche documentaire, comme celui de l'Institut canadien de l'information scientifique et technique (CISTI), au Conseil national de recherches du Canada.



1975-1978) undertook the basic search and review of the literature. Wendy Antoine organized the data for computer input, operated the computer terminal, and maintained the *Bibliographia* data base. Rolande Gaulin and Judith Price assisted in entering new references to our computerized file.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill, and Jane Topping, all of the Invertebrate Zoology Division, and Stephen Nash, Deanna Beckett, Dale Johannsen, Eva and Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma, and Catherine Symons have contributed to our work and are duly acknowledged. The maps were prepared by Sally Gadd with the advice of Brian Cromie of the Department of Energy, Mines and Resources.

We thank Audrey Dawe, former Chief Librarian, Valerie Monkhouse, Director of Library Services, and Arch Stewart, Natural Sciences Librarian, of the National Museums of Canada, and their staff for cheerfully accepting our extraordinary demands on their service; Peter Homulos, Ray Bellamy and the staff of the Canadian Heritage Information Network, for assisting us in computer programming and data processing; and Eleanor Fenton, former Publications Coordinator of the National Museum of Natural Sciences, who advised and assisted in the production of *Bibliographia*. For their encouragement and trust during the course of our seemingly never-ending preparation of the bibliography, we would like to express our deep appreciation to Daniel Faber, formerly Chief of the Canadian Oceanographic Identification Centre, Charles Gruchy, Assistant Director, and Louis Lemieux, former Director of the National Museum of Natural Sciences.

Chang-tai Shih  
Diana R. Laubitz  
National Museum of Natural Sciences  
Ian Sutherland  
Canadian Heritage Information  
Network

Ottawa  
Revised November 1986

(étés 1975-1978) se sont mis à dépouiller et à passer en revue des éléments de la documentation. Wendy Antoine a organisé les données à informatiser, a fait fonctionner le terminal, et a tenu à jour la base des données de la *Bibliographia*. Rolande Gaulin et Judith Price nous ont aidé dans le processus d'informatisation des nouvelles références.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill et Jane Topping, tous de la Division de la zoologie des invertébrés, et Stephen Nash, Deanna Beckett, Dale Johannsen, Eva et Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma et Catherine Symons ont contribué à nos travaux et ils ont droit à leur part de gratitude. Sally Gadd a préparé les cartes et a été conseillée par Brian Cromie du ministère de l'Énergie, des Mines et des Ressources.

Notre reconnaissance va également à Audrey Dawe, ancienne bibliothécaire en chef, à Valerie Monkhouse, directrice des Services de bibliothèque, et à Arch Stewart, bibliothécaire des sciences naturelles, des Musées nationaux du Canada, et à leur personnel, pour avoir accueilli avec une grande gentillesse nos demandes de services exceptionnelles; à Peter Homulos, à Ray Bellamy et au personnel du Réseau canadien d'information sur le patrimoine, pour nous avoir aidé à programmer et à traiter les données; et à Eleanor Fenton, ancienne coordonnatrice des publications du Musée national des sciences naturelles, pour ses conseils et son aide pendant la production des premiers volumes de la *Bibliographia*. Enfin, pour leurs encouragements et leur confiance tout au long de notre interminable travail de préparation de la Bibliographie, nous tenons à exprimer nos profonds remerciements à Daniel Faber, autrefois chef du Centre canadien d'identification océanographique, à Charles Gruchy, directeur adjoint, et à Louis Lemieux, ancien directeur du Musée national des sciences naturelles.

Chang-tai Shih  
Diana R. Laubitz  
Musée national des sciences  
naturelles  
Ian Sutherland  
Réseau canadien d'information sur  
le patrimoine

Ottawa  
Révisé en novembre 1986



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## INTRODUCTION

The class Cephalopoda comprises a group of bilaterally symmetrical molluscs. They are among the most specialized and highly developed invertebrates and are well adapted to their active predatory life. They are almost all restricted to the marine environment, and are found throughout the world oceans with representatives occurring from the intertidal zone to bathyal depths. They occur in all marine habitats in Canada: benthic, epibenthic, neritic and pelagic. The North Atlantic octopus, *Bathypolypus arcticus*, has also been found in estuaries (Jean 1948; personal observation). In Canada, the class is represented by approximately 77 species in 23 families and 3 orders: the Sepioidea (cuttlefishes and bob-tailed squids) with 2 families; Teuthoidea (squids) with 13 families; and the Octopoda (octopods) with 8 families.

North American cephalopod taxonomy and systematics were pioneered by A.E. Verrill, who published on the northwestern Atlantic fauna between 1874 and 1897 (Clarke 1966:298-299), and S.S. Berry, who studied Pacific cephalopods between 1909 and 1955 (Sweeney and Roper 1984). Very few studies have been based solely on Canadian collections. Berry (1925) examined a small collection of cephalopods from the Canadian Arctic Expedition. In 1968 Mercer published the first and only synopsis of Canadian cephalopods from all three oceans. As he pointed out in his introduction, the synopsis was intended to be a preliminary work to be supplemented with a series of faunal reports, none of which were actually published. Stephen (1982MS) listed 80 species of cephalopods collected off the Atlantic coast of Canada, including species obtained from Gulf Stream waters flowing past the edge of both the Scotian Shelf and the Grand Banks. No thorough regional review of Canadian west coast cephalopods has been carried out, although Berry (1912) discussed some species which had continuous distribution from Alaska to Washington and Oregon.

Generic and family revisions of cephalopods have taken place worldwide over the last 25 years (Roper 1983). Although they have been of great importance in stabilizing the systematics of world cephalopods, few of these revisions have included representatives from Canadian waters. The classification used in this synopsis is based on Voss (1977) as modified by Roper, Sweeney and Nauen (1984).

A number of general texts and symposia dealing with the behaviour, ecology, fisheries, life history and systematics of cephalopods have been published recently. Useful sources of information on the Cephalopoda in general include: Boyle (1983), Clarke (1986), Mangold and Boletsky (1985), Moynihan (1985), Nesis (1982), Nixon and Messenger (1977), Roper, Lu and Hochberg (1983) and Roper, Sweeney and Nauen (1984).

## INTRODUCTION

La classe des Céphalopodes est un groupe de mollusques à symétrie bilatérale. Ces invertébrés sont parmi les plus spécialisés et les plus développés; ils sont bien adaptés à leur mode de vie prédateur. Les Céphalopodes vivent presque tous en milieu marin; ils vivent dans toutes les mers du monde et on en retrouve de la zone intertidale aux profondeurs bathyales. Au Canada, ils sont trouvés dans tous les habitats marins: benthique, épibenthique, néritique et pélagique. Le poulpe boreal, *Bathypolypus arcticus*, a été également trouvé dans les estuaires (Jean 1948; observation personnelle). Au Canada, cette classe est composée d'environ 77 espèces regroupées en 23 familles et 3 ordres: les Sépioïdes (seiche) qui comptent 2 familles, les Teuthoïdes (calmar) qui comptent 13 familles et les Octopodes qui comptent 8 familles.

Les premiers travaux de taxinomie et de systématique des Céphalopodes de l'Amérique du Nord ont été faits par M. A.E. Verrill, qui a publié ses résultats sur la faune de la partie nord-ouest de l'Atlantique entre 1874 et 1897 (Clarke 1966:298-299) et M. S.S. Berry qui a étudié les Céphalopodes du Pacifique entre 1909 et 1955 (Sweeney et Roper 1984). Il existe très peu d'études portant uniquement sur des collections canadiennes. Berry (1925) a examiné une petite collection de Céphalopodes capturés lors de l'Expédition dans l'Arctique canadien. En 1968, Mercer a fait paraître la première, et la seule, synopsis des Céphalopodes canadiens de nos trois océans. Il avait précisé dans son introduction que la synopsis devait constituer un travail préliminaire à être complété par une série de rapports sur la faune; cependant, aucun de ces rapports n'a paru. Stephen (1982MS) a dressé une liste de 80 espèces de Céphalopodes capturés au large de la côte atlantique du Canada; cette liste comprenait des espèces capturées dans les eaux du Gulf Stream qui s'écoulaient au-dessus de la bordure du plateau Scotien et de celle des Grands Bancs. Aucune revue régionale détaillée des Céphalopodes de la côte ouest du Canada n'a été faite à ce jour, même si Berry (1912) a considéré certaines espèces dont la distribution entre l'Alaska et les états de Washington et de l'Oregon était continue.

Durant ces 25 dernières années, les spécialistes se sont livrés à des revisions des genres et des familles des Céphalopodes (Roper 1983). Bien que ces travaux aient eu une importance considérable pour fixer la systématique des Céphalopodes du monde, peu de ces revisions incorporent des représentants des eaux canadiennes. La classification utilisée dans la présente synopsis est une variante de celle de Voss (1977) modifiée par Roper, Sweeney et Nauen (1984).

Un nombre de textes généraux et de rapports de colloques ayant trait au comportement, à l'écologie, aux pêcheries, au cycle vital et à la systématique des Céphalopodes ont paru récemment. Mentionnons comme sources utiles d'information sur les Céphalopodes en général: Boyle (1983), Clarke (1986), Mangold et Boletsky (1985), Moynihan (1985), Nesis (1982), Nixon et Messenger (1977), Roper, Lu et Hochberg (1983) ainsi que Roper, Sweeney et Nauen (1984).

Complete bibliographic citations for most references on the Canadian aquatic invertebrates published prior to 1977 may be found in *Index Bibliographicus*, Volume 2 of *Bibliographia*. This *Synopsis Speciorum* lists all of the references retrieved to date pertaining to Cephalopoda including those that are recorded in *Index Bibliographicus*. All efforts were made to ensure that this work would be complete; however, omissions may have occurred. Journal titles have been abbreviated according to the *Serial Sources for the BIOSIS Data Base* (1981); for older journals and non-standard publications the *BIOSIS* conventions for abbreviation were used with formats suggested by National Museums of Canada librarians. Further information on bibliographic methods is given in the Introduction to Volume 2 of *Bibliographia*.

In this *Synopsis Speciorum*, genera and species are arranged alphabetically by their currently accepted names within their respective families, which are also in alphabetical order. Below each species heading is a list of the names applied. Where a name is recorded followed by *AS* . . . (e.g., *AS MOROTEUTHIS ROBUSTUS*), this generally indicates that an incorrect spelling, such as a traditional variation or a typographical error, was used. Where it has been possible synonyms have been brought up to date. In the case of uncertain species identification using an attribution of some form (for example: near, probably, cf., af.), the species is recorded under the generic name followed by *AS* and the format GENUS CF. SPECIES. To facilitate computer indexing, the expression cf. has been used regardless of the original form of the attribution in the literature.

Following the list of names applied is a notation as to the usual general habitat of the animal concerned. This has been limited to "marine". The geographic regions used are explained in the preface and are shown on the maps on the end-papers of this volume. Records which have no more geographic information than "Canada" or no more cephalopod identification than "squid" or "octopus" are not included in this report.

The 200 metre bathymetric contour border to the area covered posed some interesting problems with such a highly motile group of animals as cephalopods. This was particularly true on the east coast where the Gulf Stream runs close to the continental shelf edge, often forming warm core rings that break off and swing out over the shelf, rejoining the Stream further to the south. Several sub-tropical species of cephalopods have been collected in shelf waters (Stephen 1982MS). These species have been included for completeness.

To describe the context in which the species is discussed in each report, 16 general subject categories were designated:

Behaviour	Bibliography	Biochemistry	Development
Distribution	Ecology	Fisheries	Genetics

On pourra trouver dans l'*Index Bibliographicus*, le Volume 2 de la *Bibliographia*, les citations bibliographiques complètes de la plupart des ouvrages publiés sur les invertébrés aquatiques du Canada avant 1977. La présente *Synopsis Speciorum* contient une liste de toutes les références bibliographiques utilisées à date qui ont rapport aux Céphalopodes, y compris celles enregistrées dans l'*Index Bibliographicus*. Tout a été mis en oeuvre pour constituer une liste complète; cependant il a pu y avoir des omissions. Les titres de revues ont été abrégés d'après la *Serial Sources for the BIOSIS Data Base* (1981); pour les revues plus anciennes ou les publications sortant de l'ordinaire, nous avons employé les formes d'abréviations données dans la *BIOSIS* et des formules proposées par nos bibliothécaires. Une explication détaillée de nos méthodes bibliographiques se trouve dans l'Introduction du Volume 2 de la *Bibliographia*.

Dans cette *Synopsis Speciorum*, les genres et les espèces, désignés par leur nom actuellement reconnu, sont disposés par ordre alphabétique à l'intérieur de leurs familles respectives, lesquelles sont données également par ordre alphabétique. La vedette de chaque espèce est suivie de la liste des noms usités. Lorsqu'un nom est suivi de la mention *AS* . . . (par exemple, *AS MOROTEUTHIS ROBUSTUS*), cela signifie généralement qu'une orthographe fautive, telle qu'une variation traditionnelle ou une erreur typographique, a été employée. Quand c'était possible, nous avons substitué les synonymes modernes à ceux qui sont passés d'usage. Dans le cas des espèces douteuses identifiées à l'aide d'un déterminant (tel que "apparenté à", "probablement", "cf.", "d'après"), l'espèce est citée sous le nom générique suivi de *AS* et de la formule GENRE CF. ESPÈCE. Pour faciliter l'indexation automatisée, nous nous sommes servis du terme "cf.", sans égard à la forme originale de l'attribution dans la bibliographie.

La liste des noms en usage est suivie d'une note indiquant l'habitat général habituel de l'animal en question. Cette indication est limitée à "marine". Les régions géographiques citées sont définies dans la préface et sont représentées sur les cartes des pages de garde de ce volume. Les ouvrages dont l'information géographique se limite au "Canada" ou dont l'indication des Céphalopodes se limite à "calmar" ou "octopus" ne sont pas cités dans la synopsi.

Le secteur en périphérie de la région considérée, délimité par la courbe bathymétrique de 200 mètres, a soulevé des problèmes intéressants avec un groupe aussi mobile que les Céphalopodes. Cette remarque vaut particulièrement pour la côte est où le Gulf Stream passe à proximité de la marge du plateau continental et forme souvent des remous d'eau chaude qui se détachent, passent au-dessus du plateau et réintègrent le Gulf Stream plus au sud. Plusieurs espèces subtropicales de Céphalopodes ont été capturées au-dessus du plateau continental (Stephen 1982MS). Ces espèces sont comprises dans la liste.

Pour décrire le contexte dans lequel s'inscrit l'analyse des espèces dans chaque compte rendu, seize grands domaines ont été retenus:

Comportement	Bibliographie	Biochimie	Développement
Répartition	Écologie	Pêcheries	Génétique

Life History	Morphology	Pathology	Physiology
Systematics	Taxonomy	Techniques	Toxicology

While it is recognized that any division of this nature is arbitrary, these categories taken together seem to cover the field fairly completely with a minimum of overlap. Records may be listed under more than one category.

### Acknowledgements

We wish to thank Chris Bublit, Fishery Industrial Technology Center, University of Alaska, who kindly supplied us with references dealing with north-east Pacific cephalopods. We are greatly indebted to Gilbert and Nancy Voss, Rosenstiel School of Marine and Atmospheric Science, University of Miami, and Ronald Toll, University of the South, Seawee, Tennessee, who first introduced SJS to the fascinating world of cephalopods; and to Jane Topping, National Museum of Natural Sciences, who provided DRL with information and access to cephalopod literature.

Acknowledgements are due to Chang-tai Shih for his help and advice; to Nishi Sharma and Penelope Adams who did the basic literature search; to Wendy Antoine who coordinated and entered the data into the computer; to Arch Stewart who organized the computerized literature searches, and helped to compose citations for some of the more obscure and problematic publications; and to Rolande Gaulin for typing the manuscript. Special thanks go to the staff of the Canadian Heritage Information Network for their help with the computerization, and in particular: Ray Bellamy and Bill Selkirk, for their programming; and Jane Sledge, Claire Trepanier, Merridy Cox, Margaret Keay, Steve Delroy and Carole Daoust for their assistance and advice. For permission to use the unpublished contents of the manuscript reports produced by the Department of Fisheries and Oceans appreciation is expressed to: E.B. Dunne, Newfoundland Region; A.W. Mansfield, Arctic Biological Station; K.E. Marshall, Freshwater Institute; D.J. Scarratt, St. Andrews Biological Station; and J.A. Thomson, Pacific Biological Station. And for the use of manuscript reports of ICNAF (International Commission for the Northwest Atlantic Fisheries) and NAFO (North Atlantic Fisheries Organization) we are indebted to Captain J.C. Esteves Cardoso, Executive Secretary of NAFO.

This report was funded in part by Contract No. 1630-6-NS-034, National Museum of Natural Sciences, to Stephen J. Stephen.

Cycle vital	Morphologie	Pathologie	Physiologie
Systématique	Taxinomie	Techniques	Toxicologie

Bien que nous reconnaissons le caractère arbitraire que présente toute division de cette nature, ces catégories prises dans leur ensemble paraissent couvrir assez bien toute l'étendue du sujet avec un minimum de chevauchement. Les documents peuvent être cités sous plus d'une catégorie.

### Remerciements

Nous tenons à remercier Chris Bublit de la *Fishery Industrial Technology Center*, Université de l'Alaska, qui nous a fourni des références pour les Céphalopodes du nord-est du Pacifique. Nous tenons à remercier spécialement Gilbert et Nancy Voss de la *Rosenstiel School of Marine and Atmospheric Science*, Université de Miami, ainsi que Ronald Toll, University of the South à Seawee, Tennessee, qui ont initié SJS aux Céphalopodes; et Jane Topping, du Musée national des sciences naturelles, qui a fourni à DRL des renseignements et de l'accès aux références pour les Céphalopodes.

Nous tenons à exprimer toute notre gratitude à Chang-tai Shih pour son aide et ses conseils; à Nishi Sharma et à Penelope Adams qui ont fait le dépouillement de base des références; à Wendy Antoine qui a coordonné les données et les a introduites dans l'ordinateur; à Arch Stewart qui a organisé nos recherches documentaires informatisées, et qui nous a aidé à composer les inscriptions pour des publications plus obscures ou discutables; et à Rolande Gaulin pour avoir dactylographié le manuscrit. Nous désirons remercier tout spécialement le personnel du Réseau canadien d'information sur le patrimoine pour son assistance dans le travail d'informatisation, et en particulier: Ray Bellamy et Bill Selkirk pour leur travail de programmation; et Jane Sledge, Claire Trepanier, Merridy Cox, Margaret Keay, Steve Delroy et Carole Daoust pour leur aide et leurs conseils.

Nous savons gré à E.B. Dunne, de la région de Terre-Neuve, à A.W. Mansfield, de la Station de biologie arctique, à K.E. Marshall, de l'Institut des eaux douces, à D.J. Scarratt, de la Station de biologie de St. Andrews et à J.A. Thomson de la Station de biologie du Pacifique, de nous avoir autorisés à utiliser le contenu inédit des études manuscrites produites par le ministère des Pêches et des Océans. Nous savons gré au commandant J.C. Esteves Cardoso, secrétaire de direction de la NAFO, qui nous a donné accès aux rapports manuscrits de la NAFO (North Atlantic Fisheries Organization) et de l'ICNAF (International Commission for the Northwest Atlantic Fisheries).

Ce rapport a été partiellement subventionné en vertu du marché no 1630-6-NS-034, Musée national des sciences naturelles, à Stephen J. Stephen.



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Orders and Families of Cephalopoda Recorded from Canada  
Ordres et familles de Céphalopodes signalés au Canada

**SEPIOIDEA**

Sepiidae  
Sepiolidae  
Spirulidae

**TEUTHOIDEA**

Architeuthidae  
Branchioteuthidae  
Chiroteuthidae  
Cranchiidae  
Enoploteuthidae  
Gonatidae  
Histiototeuthidae

**TEUTHOIDEA (cont.)**

Lepidoteuthidae  
Loliginidae  
Mastigoteuthidae  
Octopoteuthidae  
Ommastrephidae  
Onychoteuthidae

**OCTOPODA**

Alloposidae  
Argonautidae  
Bolitaenidae  
Cirroteuthidae  
Octopodidae  
Ocythoidae  
Opisthoteuthidae  
Stauroteuthidae  
Tremoctopodidae

Régions géographiques utilisées dans *Bibliographia*  
Geographic Regions Used in *Bibliographia*

**Freshwater Regions — Régions d'eau douce**

Newfoundland  
Prince Edward Island  
Nova Scotia  
New Brunswick  
Quebec  
Lake Champlain  
Ontario  
St. Lawrence Great Lakes  
Manitoba  
Saskatchewan  
Alberta  
British Columbia  
Northwest Territories  
Yukon Territory  
Alaska

**Marine Regions — Régions d'eau salée**

Atlantic  
Bay of Fundy  
Nova Scotia  
Gulf of St. Lawrence  
Newfoundland  
Labrador  
Arctic  
Hudson Bay  
Canadian Archipelago  
Beaufort Sea  
Bering Sea  
Pacific  
Aleutian Islands  
Alaska  
British Columbia  
Vancouver Island  
Strait of Georgia  
Juan de Fuca Strait  
Puget Sound



### *Synopsis Speciorum*



## ALLOPOSIDAE

## ALLOPOSIUS MOLLIS VERRILL 1880

## NAMES APPLIED/NOMS EMPLOYES

ALLOPOSIUS MOLLIS VERRILL 1880  
MERCER, M.C. 1968 MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE MERCER, M.C. 1968 MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

## DISTRIBUTION/REPARTITION

MERCER, M.C. 1968 MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

## ECOLOGY/ECOLOGIE

MACALASTER, E. 1977(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHEN, S.J. 1982(MS)

## TAXONOMY/TAXINOMIE

MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

## ARCHITEUTHIDAE

## 1 ARCHITEUTHIS SP.

## NAMES APPLIED/NOMS EMPLOYES

ARCHITEUTHIS DUX STEENSTRUP 1857  
VERRILL, A.E. 1874A ANON 1964-1965 ALDRICH, F.A., ALDRICH 1968 MERCER, M.C. 1968 PIPPY, J.H.C., ALDRICH 1969 MARTIN, A.W., ALDRICH 1970 LIPINSKI, M. 1973.  
STEPHEN, S.J. 1982(MS) HOCHBERG, F.G. 1983  
ARCHITEUTHIS HARVEYI (KENT 1874)  
KENT, W.S. 1874 VERRILL, A.E. 1879-1880, 1882A WHITEAVES, J.F. 1901B FROST, N. 1934  
JOHNSON, C.W. 1934  
ARCHITEUTHIS MONACHUS STEENSTRUP 1857  
VERRILL, A.E. 1874A, 1875B, 1876, 1879E  
ARCHITEUTHIS PRINCEPS VERRILL 1875  
VERRILL, A.E. 1875B, 1879-1880, 1879E, 1882A WINSLOW, F. 1883 WHITEAVES, J.F. 1901B  
FROST, N. 1934 JOHNSON, C.W. 1934  
ARCHITEUTHIS SP.  
HARVEY, M. 1874 VERRILL, A.E. 1880-1881, 1881, 1882B FROST, N. 1934, 1936B  
CLARKE, M.R. 1966 ROPE, C.F.E., BOSS 1982 ROPE, C.F.E., SWEENEY, NAUEN 1984

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE HARVEY, M. 1874 KENT, W.S. 1874 VERRILL, A.E. 1874A, 1875B, 1876, 1879-1880, 1879E, 1880-1881, 1881, 1882A, 1882B WINSLOW, F. 1883 WHITEAVES, J.F. 1901B FROST, N. 1934 JOHNSON, C.W. 1934 FROST, N. 1936B ANON 1964-1965  
CLARKE, M.R. 1966 ALDRICH, F.A., ALDRICH 1968 MERCER, M.C. 1968 PIPPY, J.H.C., ALDRICH 1969 MARTIN, A.W., ALDRICH 1970 LIPINSKI, M. 1973 ROPE, C.F.E., BOSS 1982 STEPHEN, S.J. 1982(MS) HOCHBERG, F.G. 1983 ROPE, C.F.E., SWEENEY, NAUEN 1984

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HOCHBERG, F.G. 1983

## DISTRIBUTION/REPARTITION

VERRILL, A.E. 1875E, 1880-1881 WINSLOW, F. 1883 WHITEAVES, J.F. 1901B FROST, N. 1934 JOHNSON, C.W. 1934 FROST, N. 1936B CLARKE, M.R. 1966 MERCER, M.C. 1968 ROPE, C.F.E., BOSS 1982 STEPHEN, S.J. 1982(MS) ROPE, C.F.E., SWEENEY, NAUEN 1984  
ECOLOGY/ECOLOGIE  
CLARKE, M.R. 1966 PIPPY, J.H.C., ALDRICH 1969 LIPINSKI, M. 1973 ROPE, C.F.E., BOSS 1982

## FISHERIES/PECHERIES

WINSLOW, F. 1883 ANON 1964-1965 ROPE, C.F.E., SWEENEY, NAUEN 1984

## MORPHOLOGY/MORPHOLOGIE

HARVEY, M. 1874 KENT, W.S. 1874 VERRILL, A.E. 1874A, 1875B, 1876, 1879-1880, 1880-1881, 1881, 1882A, 1882B WINSLOW, F. 1883 FROST, N. 1934, 1936B MARTIN, A.W., ALDRICH 1970 ROPE, C.F.E., BOSS 1982

## PATHOLOGY/PATHOLOGIE

LIPINSKI, M. 1973 HOCHBERG, F.G. 1983

## PHYSIOLOGY/PHYSIOLOGIE

ALDRICH, F.A., ALDRICH 1968 ROPE, C.F.E., BOSS 1982

## SYSTEMATICS/SYSTEMATIQUE

VERRILL, A.E. 1875B, 1876-1880, 1880-1881, 1882A FROST, N. 1934 CLARKE, M.R. 1966 STEPHEN, S.J. 1982(MS) ROPE, C.F.E., SWEENEY, NAUEN 1984

## TAXONOMY/TAXINOMIE

KENT, W.S. 1874 VERRILL, A.E. 1875B, 1879-1880, 1880-1881 FROST, N. 1934 CLARKE, M.R. 1966 STEPHEN, S.J. 1982(MS) ROPE, C.F.E., SWEENEY, NAUEN 1984

## ARGONAUTIDAE

## ARGONAUTA ARGO LINNAEUS 1758

## NAMES APPLIED/NOMS EMPLOYES

ARGONAUTA ARGO LINNAEUS 1758  
MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

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## ECOLOGY/ECOLOGIE

MACALASTER, E. 1977(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHEN, S.J. 1982(MS)

## TAXONOMY/TAXINOMIE

MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS)

## BOLITAENIDAE

## JAPETELLA DIAPHANA HOYLE 1885

## NAMES APPLIED/NOMS EMPLOYES

JAPETELLA DIAPHANA HOYLE 1885  
NESIS, K.N. 1973B

MARINE  
REGIONS

PACIFIC/PACIFIQUE NESIS, K.N. 1973B

## DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B

## JAPETELLA HEATHI (BERRY 1911)

## NAMES APPLIED/NOMS EMPLOYES

JAPETELLA HEATHI (BERRY 1911)  
MERCER, M.C. 1968

MARINE  
REGIONS

PACIFIC/PACIFIQUE MERCER, M.C. 1968

## DISTRIBUTION/REPARTITION

MERCER, M.C. 1968

## BRACHIOTEUTHIDAE

## 2 BRACHIOTEUTHIS BEANII VERRILL 1881

## NAMES APPLIED/NOMS EMPLOYES

BRACHIOTEUTHIS BEANII VERRILL 1881 AS BRACHIOTEUTHIS BEANII  
MERCER, M.C. 1968

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE MERCER, M.C. 1968

## DISTRIBUTION/REPARTITION

MERCER, M.C. 1968

**BRACHIOTEUTHIS RUISEI (STEENSTRUP 1882)**

## NAMES APPLIED/NOMS EMPLOYES

BRACHIOTEUTHIS RUISEI (STEENSTRUP 1882)

CLARKE, M.R. 1966. VAN DER SPOELS, HEYMAN 1983

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE CLARKE, M.R. 1966 VAN DER SPOELS, HEYMAN 1983

## DISTRIBUTION/REPARTITION

CLARKE, M.R. 1966 VAN DER SPOELS, HEYMAN 1983

## ECOLOGY/ECOLOGIE

CLARKE, M.R. 1966

## SYSTEMATICS/SYSTEMATIQUE

CLARKE, M.R. 1966

## TAXONOMY/TAXINOMIE

CLARKE, M.R. 1966

**BRACHIOTEUTHIS SP.**

## NAMES APPLIED/NOMS EMPLOYES

BRACHIOTEUTHIS SP

STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

**CHIROTEUTHIDAE****CHIROTEUTHIS CALYX YOUNG 1972**

## NAMES APPLIED/NOMS EMPLOYES

CHIROTEUTHIS CALYX YOUNG 1972

NESIS, K.N. 1973B

## MARINE

## REGIONS

PACIFIC/PACIFIQUE NESIS, K.N. 1973B

## DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B

**CHIROTEUTHIS LACERTOSA (VERRILL 1881)**

## NAMES APPLIED/NOMS EMPLOYES

CHIROTEUTHIS LACERTOSA (VERRILL 1881)

VERRILL, A.E. 1882A JOHNSON, C.W. 1934. CLARKE, M.R. 1966. STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE VERRILL, A.E. 1882A JOHNSON, C.W. 1934. CLARKE, M.R. 1966

STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

JOHNSON, C.W. 1934. CLARKE, M.R. 1966. STEPHENS, J. 1982(MS)

## ECOLOGY/ECOLOGIE

CLARKE, M.R. 1966

## SYSTEMATICS/SYSTEMATIQUE

VERRILL, A.E. 1882A. CLARKE, M.R. 1966. STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

CLARKE, M.R. 1966. STEPHENS, J. 1982(MS)

**CHIROTEUTHIS VERANYI (FERUSSAC 1835)**

## NAMES APPLIED/NOMS EMPLOYES

CHIROTEUTHIS VERANYI (FERUSSAC 1835)

COONEY, R.T. 1978

## MARINE

## REGIONS

ARCTIC/ARCTIQUE COONEY, R.T. 1978

## DISTRIBUTION/REPARTITION

COONEY, R.T. 1978

## ECOLOGY/ECOLOGIE

COONEY, R.T. 1978

**CHIROTEUTHIS SP.**

## NAMES APPLIED/NOMS EMPLOYES

CHIROTEUTHIS SP

MERCER, M.C. 1968. BIGG, M., MACASKIE 1972A(MS). COONEY, R.T. 1981

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE MERCER, M.C. 1968

ARCTIC/ARCTIQUE COONEY, R.T. 1981

PACIFIC/PACIFIQUE MERCER, M.C. 1968. BIGG, M., MACASKIE 1972A(MS)

## DISTRIBUTION/REPARTITION

MERCER, M.C. 1968. COONEY, R.T. 1981

## ECOLOGY/ECOLOGIE

BIGG, M., MACASKIE 1972A(MS)

**CIRROTEUTHIDAE****CIRROTEUTHIS SP.**

## NAMES APPLIED/NOMS EMPLOYES

CIRROTEUTHIS SP

MACGINITIE, N. 1959

CIRROTEUTHIS SP. AS CIRROTEUTHIS SP

MACGINITIE, G.E. 1955

## MARINE

## REGIONS

ARCTIC/ARCTIQUE MACGINITIE, G.E. 1955. MACGINITIE, N. 1959

## DISTRIBUTION/REPARTITION

MACGINITIE, G.E. 1955

## MORPHOLOGY/MORPHOLOGIE

MACGINITIE, N. 1959

**CRANCHIIDAE****CRANCHIA SCABRA LEACH 1817**

## NAMES APPLIED/NOMS EMPLOYES

CRANCHIA SCABRA LEACH 1817

STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## 12 CRANCHIDAE

### GALITEUTHIS ARMATA JOUBIN 1898

#### NAMES APPLIED/NOMS EMPLOYES

GALITEUTHIS ARMATA JOUBIN 1898  
AKIMUSHKIN,I.I 1963 COONEY,R.T 1978 STEPHEN,S.J 1982(MS) VAN DER SPOELS,  
HEYMAN 1983

#### MARINE REGIONS

ATLANTIC ATLANTIQUE STEPHEN,S.J 1982(MS)  
ARCTIC ARCTIQUE COONEY,R.T 1978  
PACIFIC PACIFIQUE AKIMUSHKIN,I.I 1963 VAN DER SPOELS, HEYMAN 1983

#### DISTRIBUTION/REPARTITION

AKIMUSHKIN,I.I 1963 COONEY,R.T 1978 STEPHEN,S.J 1982(MS) VAN DER SPOELS,  
HEYMAN 1983

#### ECOLOGY/ECOLOGIE

AKIMUSHKIN,I.I 1963 COONEY,R.T 1978

#### SYSTEMATICS/SYSTEMATIQUE

AKIMUSHKIN,I.I 1963 STEPHEN,S.J 1982(MS)

#### TAXONOMY/TAXINOMIE

AKIMUSHKIN,I.I 1963 STEPHEN,S.J 1982(MS)

### GALITEUTHIS PHYLLURA BERRY 1911

#### NAMES APPLIED/NOMS EMPLOYES

GALITEUTHIS PHYLLURA BERRY 1911  
NESIS,K.N 1973B

#### MARINE REGIONS

ARCTIC ARCTIQUE NESIS,K.N 1973B  
PACIFIC PACIFIQUE NESIS,K.N 1973B

#### DISTRIBUTION/REPARTITION

NESIS,K.N 1973B

### GALITEUTHIS SP

#### NAMES APPLIED/NOMS EMPLOYES

GALITEUTHIS SP  
COONEY,R.T 1981

#### MARINE REGIONS

ARCTIC ARCTIQUE COONEY,R.T 1981

#### DISTRIBUTION/REPARTITION

COONEY,R.T 1981

### LEACHIA SP

#### NAMES APPLIED/NOMS EMPLOYES

LEACHIA SP  
VILLPHEN,S.J 1982(MS)  
PYRGOPHIS LEACH BERRY 1920  
MERCER,M.C 1966, 1968

#### MARINE REGIONS

ATLANTIC ATLANTIQUE MERCER,M.C 1966, 1968 STEPHEN,S.J 1982(MS)

#### DISTRIBUTION/REPARTITION

MERCER,M.C 1966, 1968 STEPHEN,S.J 1982(MS)

#### MORPHOLOGY/MORPHOLOGIE

MERCER,M.C 1966

#### SYSTEMATICS/SYSTEMATIQUE

STEPHEN,S.J 1982(MS)

#### TAXONOMY/TAXINOMIE

STEPHEN,S.J 1982(MS)

### MEGALOCRANCHIA SP.

#### NAMES APPLIED/NOMS EMPLOYES

MEGALOCRANCHIA SP  
SAMEOTO,D.D 1982, 1984

#### MARINE REGIONS

ATLANTIC ATLANTIQUE SAMEOTO,D.D 1982, 1984  
DISTRIBUTION/REPARTITION  
SAMEOTO,D.D 1984  
ECOLOGY/ECOLOGIE  
SAMEOTO,D.D 1982, 1984

### TAONIUS PAVO (LESUEUR 1821)

#### NAMES APPLIED/NOMS EMPLOYES

BLONELLA PACIFICA BOREALIS NESIS 1972  
NESIS,K.N 1973B

#### TAONIUS PAVO (LESUEUR 1821)

VERRILL,A.E 1882A JOHNSON,C.W 1934 CLARKE,M.R 1966 MERCER,M.C 1968 STEPHEN,S.J 1982(MS)

#### MARINE REGIONS

ATLANTIC ATLANTIQUE VERRILL,A.E 1882A JOHNSON,C.W 1934 CLARKE,M.R 1966  
MERCER,M.C 1968 STEPHEN,S.J 1982(MS)

#### PACIFIC PACIFIQUE MERCER,M.C 1968 NESIS,K.N 1973B

#### DISTRIBUTION/REPARTITION

VERRILL,A.E 1882A JOHNSON,C.W 1934 CLARKE,M.R 1966 MERCER,M.C 1968 NESIS,K.N 1973B STEPHEN,S.J 1982(MS)

#### ECOLOGY/ECOLOGIE

CLARKE,M.R 1966

#### MORPHOLOGY/MORPHOLOGIE

VERRILL,A.E 1882A

#### SYSTEMATICS/SYSTEMATIQUE

CLARKE,M.R 1966 STEPHEN,S.J 1982(MS)

#### TAXONOMY/TAXINOMIE

CLARKE,M.R 1966 STEPHEN,S.J 1982(MS)

### TEUTHOWENIA MEGALOPS (PROSCH 1849)

#### NAMES APPLIED/NOMS EMPLOYES

MEGALOCRANCHIA MEGALOPS (PROSCH 1849)  
MERCER,M.C 1968

#### TAONIUS MEGALOPS (PROSCH 1849)

CLARKE,M.R 1966

#### TEUTHOWENIA MEGALOPS (PROSCH 1849)

STEPHEN,S.J 1982(MS) VOSS,N.A 1985

#### MARINE REGIONS

ATLANTIC ATLANTIQUE CLARKE,M.R 1966 MERCER,M.C 1968 STEPHEN,S.J 1982(MS)  
VOSS,N.A 1985

#### DEVELOPMENT/DEVELOPEMENT

VOSS,N.A 1985

#### DISTRIBUTION/REPARTITION

CLARKE,M.R 1966 MERCER,M.C 1968 STEPHEN,S.J 1982(MS) VOSS,N.A 1985

#### ECOLOGY/ECOLOGIE

CLARKE,M.R 1966

#### MORPHOLOGY/MORPHOLOGIE

VOSS,N.A 1985

#### SYSTEMATICS/SYSTEMATIQUE

CLARKE,M.R 1966 STEPHEN,S.J 1982(MS) VOSS,N.A 1985

#### TAXONOMY/TAXINOMIE

CLARKE,M.R 1966 STEPHEN,S.J 1982(MS) VOSS,N.A 1985

## ENOPLUTEUTHIDAE

### ABRALIOPSIS FELIS MCGOWAN & OKUTANI 1968

#### NAMES APPLIED/NOMS EMPLOYES

ABRALIOPSIS FELIS MCGOWAN & OKUTANI 1968  
BERNARDI,F.R 1970A MACASKILL,B 1971

## ABRALIOPSIS FELIS MCGOWAN &amp; OKUTANI 1968 - Cont'd.

MARINE  
REGIONS  
PACIFIC/PACIFIQUE BERNARD,F.R 1970A MACASKIE,I.B 1971  
DISTRIBUTION/REPARTITION  
BERNARD,F.R 1970A MACASKIE,I.B 1971

## ABRALIOPSIS PEEFFERI JOUBIN 1896

NAMES APPLIED/NOMS EMPLOYES  
ABRALIOPSIS PEEFFERI JOUBIN 1896  
MACALASTER,E 1977(MS) STEPHENS,J 1982(MS)  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE MACALASTER,E 1977(MS) STEPHENS,J 1982(MS)  
DISTRIBUTION/REPARTITION  
MACALASTER,E 1977(MS) STEPHENS,J 1982(MS)  
ECOLOGY/ECOLOGIE  
MACALASTER,E 1977(MS)  
SYSTEMATICS/SYSTEMATIQUE  
STEPHENS,J 1982(MS)  
TAXONOMY/TAXINOMIE  
MACALASTER,E 1977(MS) STEPHENS,J 1982(MS)

## ABRALIOPSIS SP

NAMES APPLIED/NOMS EMPLOYES  
ABRALIOPSIS SP  
BERNARD,F.R 1980  
MARINE  
REGIONS  
PACIFIC/PACIFIQUE BERNARD,F.R 1980  
DISTRIBUTION/REPARTITION  
BERNARD,F.R 1980

## ANCISTROCHEIRUS LESUEURI (ORBIGNY 1839)

NAMES APPLIED/NOMS EMPLOYES  
THELIDOTEUTHIS ALESSANDRINI (VERANY 1851) **AS** THELIDOTEUTHIS ALESSANDRINI  
STEPHENS,J 1982(MS)  
THELIDOTEUTHIS ALESSANDRINI (VERANY 1851) **AS** THELIDOTEUTHIS ALESSANDRINI  
MERCER,M.C 1968

MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE MERCER,M.C 1968 STEPHENS,J 1982(MS)  
DISTRIBUTION/REPARTITION  
MERCER,M.C 1968 STEPHENS,J 1982(MS)  
SYSTEMATICS/SYSTEMATIQUE  
STEPHENS,J 1982(MS)  
TAXONOMY/TAXINOMIE  
STEPHENS,J 1982(MS)

## ENOPLUTEUTHIS ANAPIS ROPER 1964

NAMES APPLIED/NOMS EMPLOYES  
ENOPLUTEUTHIS ANAPIS ROPER 1964  
STEPHENS,J 1982(MS)  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE STEPHENS,J 1982(MS)  
DISTRIBUTION/REPARTITION  
STEPHENS,J 1982(MS)  
SYSTEMATICS/SYSTEMATIQUE  
STEPHENS,J 1982(MS)  
TAXONOMY/TAXINOMIE  
STEPHENS,J 1982(MS)

## PTERYGIOTEUTHIS GEMMATA CHUN 1908

NAMES APPLIED/NOMS EMPLOYES  
PTERYGIOTEUTHIS GEMMATA CHUN 1908  
MACALASTER,E 1977(MS)  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE MACALASTER,E 1977(MS)  
DISTRIBUTION/REPARTITION  
MACALASTER,E 1977(MS)  
ECOLOGY/ECOLOGIE  
MACALASTER,E 1977(MS)  
TAXONOMY/TAXINOMIE  
MACALASTER,E 1977(MS)

## PTERYGIOTEUTHIS GIARDI FISCHER 1896

NAMES APPLIED/NOMS EMPLOYES  
PTERYGIOTEUTHIS GIARDI FISCHER 1896  
ROPER,C.F.E., SWINNEY,NAUEN 1984  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE ROPER,C.F.E., SWEENEY,NAUEN 1984  
DISTRIBUTION/REPARTITION  
ROPER,C.F.E., SWINNEY,NAUEN 1984  
FISHERIES/PICHERIES  
ROPER,C.F.E., SWEENEY,NAUEN 1984  
SYSTEMATICS/SYSTEMATIQUE  
ROPER,C.F.E., SWEENEY,NAUEN 1984  
TAXONOMY/TAXINOMIE  
ROPER,C.F.E., SWEENEY,NAUEN 1984

## PYROTEUTHIS MARGARITIFERA (RUPPEL 1844)

NAMES APPLIED/NOMS EMPLOYES  
PYROTEUTHIS MARGARITIFERA (RUPPEL 1844)  
MERCER,M.C 1968 STEPHENS,J 1982(MS)  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE MERCER,M.C 1968 STEPHENS,J 1982(MS)  
DISTRIBUTION/REPARTITION  
MERCER,M.C 1968 STEPHENS,J 1982(MS)  
SYSTEMATICS/SYSTEMATIQUE  
STEPHENS,J 1982(MS)  
TAXONOMY/TAXINOMIE  
STEPHENS,J 1982(MS)

## GONATIDAE

## BERRYTEUTHIS ANONYCHUS (PEARCY &amp; G.L. VOSS 1963)

NAMES APPLIED/NOMS EMPLOYES  
BERRYTEUTHIS ANONYCHUS (PEARCY & G.L. VOSS 1963)  
NESIS,K.N 1973A, 1973B WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY,NAUEN 1984  
BERRYTEUTHIS ANONYCHUS (PEARCY & G.L. VOSS 1963) **AS** BERYTEUTHIS ANONYCHUS  
VERMEER,K., WESTRHEIM 1983  
GONATUS ANONYCHUS (PEARCY & G.L. VOSS 1963)  
MERCER,M.C 1968 BERNARD,F.R 1970A VERMEER,K 1979

MARINE  
REGIONS  
PACIFIC/PACIFIQUE MERCER,M.C 1968 BERNARD,F.R 1970A NESIS,K.N 1973A, 1973B  
VERMEER,K 1979 WILSON,J.R., GORHAM 1982A VERMEER,K., WESTRHEIM 1983 ROPER,C.F.E., SWEENEY,NAUEN 1984  
DISTRIBUTION/REPARTITION  
MERCER,M.C 1968 BERNARD,F.R 1970A NESIS,K.N 1973A, 1973B WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY,NAUEN 1984  
ECOLOGY/ECOLOGIE  
VERMEER,K 1979 VERMEER,K., WESTRHEIM 1983



# 14 GONATIDAE

## BERRYTEUTHIS ANONYCHUS (PEARCY & G.L. VOSS 1963) - Cont'd.

### FISHERIES/PECHERIES

WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY, NAUEN 1984

### SYSTEMATICS/SYSTEMATIQUE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TAXONOMY/TAXINOMIE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TECHNIQUES

WILSON, J.R., GORHAM 1982A

## BERRYTEUTHIS MAGISTER (BERRY 1913)

### NAMES APPLIED/NOMS EMPLOYES

#### BERRYTEUTHIS MAGISTER (BERRY 1913)

YOUNG, R.E. 1972, NESIS, K.N. 1973A, 1973B, BERNARD, F.R. 1980, COONEY, R.T. 1981

HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982, WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

GONATUS MAGISTER BERRY 1913

BERRY, S.S. 1913, PIKE, G.C., SPALDING, ET AL. 1961(MS), 1962(MS), AKIMUSHKIN, I.I. 1963

SPALDING, D.J. 1964, MERCER, M.C. 1968, BERNARD, F.R. 1970A, BIGG, M., MACASKIE 1972A(MS), 1972B(MS), KABATAZ, Z., FORRESTER 1974, SMITH, A.G. 1974A, COONEY, R.T. 1978, BOUTILLIER, J. 1984

### MARINE

#### REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973A, COONEY, R.T. 1978, 1981, HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982

PACIFIC/PACIFIQUE BERRY, S.S. 1913, PIKE, G.C., SPALDING, ET AL. 1961(MS), 1962(MS), AKIMUSHKIN, I.I. 1963, SPALDING, D.J. 1964, MERCER, M.C. 1968, BERNARD, F.R. 1970A

BIGG, M., MACASKIE 1972A(MS), 1972B(MS), YOUNG, R.E. 1972, NESIS, K.N. 1973A, 1973B

KABATAZ, Z., FORRESTER 1974, SMITH, A.G. 1974A, BERNARD, F.R. 1980, FOWLER, C.W. 1982, WILSON, J.R., GORHAM 1982A, BOUTILLIER, J. 1984, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### BEHAVIOUR/COMPORTEMENT

BERNARD, F.R. 1980

### DISTRIBUTION/REPARTITION

AKIMUSHKIN, I.I. 1963, MERCER, M.C. 1968, BERNARD, F.R. 1970A, YOUNG, R.E. 1972, NESIS, K.N. 1973A, 1973B, SMITH, A.G. 1974A, COONEY, R.T. 1978, BERNARD, F.R. 1980

COONEY, R.T. 1981, WILSON, J.R., GORHAM 1982A, BOUTILLIER, J. 1984, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### ECOLOGY/ECOLOGIE

PIKE, G.C., SPALDING, ET AL. 1961(MS), 1962(MS), AKIMUSHKIN, I.I. 1963, SPALDING, D.J. 1964, BIGG, M., MACASKIE 1972A(MS), 1972B(MS), KABATAZ, Z., FORRESTER 1974, SMITH, A.G. 1974A, COONEY, R.T. 1978, HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### FISHERIES/PECHERIES

WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### MORPHOLOGY/MORPHOLOGIE

BERRY, S.S. 1913, BERNARD, F.R. 1980

### SYSTEMATICS/SYSTEMATIQUE

AKIMUSHKIN, I.I. 1963, NESIS, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TAXONOMY/TAXINOMIE

BERRY, S.S. 1913, AKIMUSHKIN, I.I. 1963, NESIS, K.N. 1973A, SMITH, A.G. 1974A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TECHNIQUES

WILSON, J.R., GORHAM 1982A, JEFFERTS, K. 1986

## BERRYTEUTHIS SP.

### NAMES APPLIED/NOMS EMPLOYES

GONATUS SP.

FIELDS, W.G., GAULEY 1971

### MARINE

#### REGIONS

PACIFIC/PACIFIQUE FIELDS, W.G., GAULEY 1971

### SYSTEMATICS/SYSTEMATIQUE

FIELDS, W.G., GAULEY 1971

## GONATOPSIS BOREALIS SASAKI 1923

### NAMES APPLIED/NOMS EMPLOYES

GONATOPSIS BOREALIS SASAKI 1923

MERCER, M.C. 1968, BERNARD, F.R. 1970A, NESIS, K.N. 1973A, 1973B, HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982, WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### MARINE

#### REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973A, 1973B, HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982

PACIFIC/PACIFIQUE MERCER, M.C. 1968, BERNARD, F.R. 1970A, NESIS, K.N. 1973A, 1973B, WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### DISTRIBUTION/REPARTITION

MERCER, M.C. 1968, BERNARD, F.R. 1970A, NESIS, K.N. 1973A, 1973B, WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### ECOLOGY/ECOLOGIE

HARRY, G.Y., HARTLEY 1981, FOWLER, C.W. 1982, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### FISHERIES/PECHERIES

WILSON, J.R., GORHAM 1982A, ROPER, C.F.E., SWEENEY, NAUEN 1984, JAMIESON, G.S., FRANCIS 1986, JEFFERTS, K. 1986

### SYSTEMATICS/SYSTEMATIQUE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TAXONOMY/TAXINOMIE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TECHNIQUES

WILSON, J.R., GORHAM 1982A, JEFFERTS, K. 1986

## GONATOPSIS MAKKO OKUTANI & NEMOTO 1964

### NAMES APPLIED/NOMS EMPLOYES

GONATOPSIS MAKKO OKUTANI & NEMOTO 1964

NESES, K.N. 1973A, 1973B, ROPER, C.F.E., SWEENEY, NAUEN 1984

### MARINE

#### REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973B

PACIFIC/PACIFIQUE NESIS, K.N. 1973A, 1973B, ROPER, C.F.E., SWEENEY, NAUEN 1984

### DISTRIBUTION/REPARTITION

NESES, K.N. 1973A, 1973B, ROPER, C.F.E., SWEENEY, NAUEN 1984

### FISHERIES/PECHERIES

ROPER, C.F.E., SWEENEY, NAUEN 1984

### SYSTEMATICS/SYSTEMATIQUE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

### TAXONOMY/TAXINOMIE

NESES, K.N. 1973A, ROPER, C.F.E., SWEENEY, NAUEN 1984

## GONATOPSIS OCTOPELATA SASAKI 1920

### NAMES APPLIED/NOMS EMPLOYES

GONATOPSIS OCTOPELATA SASAKI 1920 AS GONATOPSIS OCTOPELATUS

NESES, K.N. 1973A, 1973B

### MARINE

#### REGIONS

PACIFIC/PACIFIQUE NESIS, K.N. 1973B

PACIFIC/PACIFIQUE NESIS, K.N. 1973A, 1973B

### DISTRIBUTION/REPARTITION

NESES, K.N. 1973A, 1973B

### SYSTEMATICS/SYSTEMATIQUE

NESES, K.N. 1973A

### TAXONOMY/TAXINOMIE

NESES, K.N. 1973A

## GONATOPSIS SP.

### NAMES APPLIED/NOMS EMPLOYES

GONATOPSIS SP.

PIKE, G.C., MACASKIE, (C. RAIG 1965(MS)) TAKEUCHI, 1972, COONEY, R.T. 1978, 1981

## GONATOPSIS SP. - Cont'd.

## MARINE

## REGIONS

ARCTIC/ARCTIQUE TAKEUCHI, 1972. COONEY, R.T. 1978, 1981.

PACIFIC/PACIFIQUE PIKE, G.G., MACASKIE, CRAIG. 1965(MS). TAKEUCHI, 1972.

DISTRIBUTION/REPARTITION

TAKEUCHI, 1972. COONEY, R.T. 1978, 1981.

## ECOLOGY/ÉCOLOGIE

PIKE, G.G., MACASKIE, CRAIG. 1965(MS). TAKEUCHI, 1972. COONEY, R.T. 1978.

## GONATUS BERRYI NAEF 1923

## NAMES APPLIED/NOMS EMPLOYES

GONATUS BERRYI NAEF 1923

NESIS, K.N. 1973B.

## MARINE

## REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973B.

PACIFIC/PACIFIQUE NESIS, K.N. 1973B.

DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B.

## GONATUS FABRICII (LICHTENSTEIN 1818)

## NAMES APPLIED/NOMS EMPLOYES

GONATUS FABRICII (LICHTENSTEIN 1818)

VERRILLA, E. 1880-1881, 1882A. BERRY, S.S. 1912. ANON. 1932. FRASER, C.M.C.L. 1932.  
 FROST, N., THOMPSON 1932, 1933, 1934. JOHNSON, C.W. 1934. TUCK, L.M., SQUIRES 1955.  
 MACGINNITIE, N. 1959. LAMBERT, D.G. 1960. TUCK, L.M. 1960. BARRACLOUGH, W.E., HERLIN, VEAUX 1960(MS). AKIMUSHKIN, I.I. 1963. CLARKE, M.R. 1966. MERCER, M.C. 1968.  
 BERNARD, F.R. 1970A. NESIS, K.N. 1971. YOUNG, R.E. 1972. MACALASTER, E. 1977(MS).  
 COONEY, R.T. 1978. FRAKER, M.A., ET AL. 1978. MINET, J.P., PERODOU 1978. AMARATUNG, G.A.T., NEILSON, ET AL. 1979. SMITH, T.G., HAMMILL 1980. KRISTENSEN, T.K. 1981. FINLEY, J., GIBB 1982. KRISTENSEN, T.K. 1982. STEPHEN, S.J. 1982(MS). GARDNER, G.A., HOWELL 1983. ROPER, C.F.E., SWEENEY, NAUEN 1984.

GONATUS FABRICII (LICHTENSTEIN 1818) AS GONATUS FABRICII

CORNWALL, I.E. 1928.

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE VERRILLA, E. 1880-1881, 1882A. ANON. 1932. FROST, N., THOMPSON 1932, 1933, 1934. JOHNSON, C.W. 1934. LAMBERT, D.G. 1960. AKIMUSHKIN, I.I. 1963.  
 CLARKE, M.R. 1966. MERCER, M.C. 1968. NESIS, K.N. 1971. MACALASTER, E. 1977(MS). MINET, J.P., PERODOU 1978. AMARATUNG, G.A.T., NEILSON, ET AL. 1979. KRISTENSEN, T.K. 1981, 1982. STEPHEN, S.J. 1982(MS). GARDNER, G.A., HOWELL 1983. ROPER, C.F.E., SWEENEY, NAUEN 1984.

ARCTIC/ARCTIQUE TUCK, L.M., SQUIRES 1955. MACGINNITIE, N. 1959. TUCK, L.M. 1960. AKIMUSHKIN, I.I. 1963. NESIS, K.N. 1971. COONEY, R.T. 1978. FRAKER, M.A., ET AL. 1978. SMITH, T.G., HAMMILL 1980. FINLEY, J., GIBB 1982.  
 PACIFIC/PACIFIQUE BERRY, S.S. 1912. CORNWALL, I.E. 1928. FRASER, C.M.C.L. 1932. BARRACLOUGH, W.E., HERLIN, VEAUX 1960(MS). AKIMUSHKIN, I.I. 1963. MERCER, M.C. 1968. BERNARD, F.R. 1970A. YOUNG, R.E. 1972.

## DEVELOPMENT/DEVELOPPEMENT

KRISTENSEN, T.K. 1981.

## DISTRIBUTION/REPARTITION

VERRILLA, E. 1880-1881. BERRY, S.S. 1912. FRASER, C.M.C.L. 1932. FROST, N., THOMPSON 1932, 1933, 1934. JOHNSON, C.W. 1934. MACGINNITIE, N. 1959. AKIMUSHKIN, I.I. 1963. CLARKE, M.R. 1966. MERCER, M.C. 1968. BERNARD, F.R. 1970A. NESIS, K.N. 1971. YOUNG, R.E. 1972. MACALASTER, E. 1977(MS). COONEY, R.T. 1978. KRISTENSEN, T.K. 1981, 1982. STEPHEN, S.J. 1982(MS). GARDNER, G.A., HOWELL 1983. ROPER, C.F.E., SWEENEY, NAUEN 1984.

## ECOLOGY/ÉCOLOGIE

CORNWALL, I.E. 1928. FRASER, C.M.C.L. 1932. TUCK, L.M., SQUIRES 1955. LAMBERT, D.G. 1960. TUCK, L.M. 1960. AKIMUSHKIN, I.I. 1963. CLARKE, M.R. 1966. NESIS, K.N. 1971. MACALASTER, E. 1977(MS). COONEY, R.T. 1978. FRAKER, M.A., ET AL. 1978. MINET, J.P., PERODOU 1978. AMARATUNG, G.A.T., NEILSON, ET AL. 1979. SMITH, T.G., HAMMILL 1980. FINLEY, J., GIBB 1982.

## FISHERIES/PECHERIES

ANON. 1932. FROST, N., THOMPSON 1932, 1933, 1934. BARRACLOUGH, W.E., HERLIN, VEAUX 1960(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## MORPHOLOGY/MORPHOLOGIE

VERRILLA, E. 1880-1881, 1882A. KRISTENSEN, T.K. 1981, 1982.

## SYSTEMATICS/SYSTEMATIQUE

VERRILLA, E. 1880-1881, 1882A. AKIMUSHKIN, I.I. 1963. CLARKE, M.R. 1966. KRISTENSEN, T.K. 1981. STEPHEN, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## TAXONOMY/TAXINOMIE

VERRILLA, E. 1880-1881. BERRY, S.S. 1912. MACGINNITIE, N. 1959. AKIMUSHKIN, I.I. 1963. CLARKE, M.R. 1966. MACALASTER, E. 1977(MS). KRISTENSEN, T.K. 1981. STEPHEN, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## TECHNIQUES

KRISTENSEN, T.K. 1982.

## GONATUS MIDDENDORFFI KUBODERA &amp; OKUTANI 1981

## NAMES APPLIED/NOMS EMPLOYES

GONATUS MIDDENDORFFI KUBODERA &amp; OKUTANI 1981

ROPER, C.F.E., SWEENEY, NAUEN 1984.

GONATUS MIDDENDORFFI KUBODERA &amp; OKUTANI 1981 AS GONATUS MIDDENDORFFI HATCH, S.A. 1983.

## MARINE

## REGIONS

PACIFIC/PACIFIQUE HATCH, S.A. 1983. ROPER, C.F.E., SWEENEY, NAUEN 1984.

DISTRIBUTION/REPARTITION

ROPER, C.F.E., SWEENEY, NAUEN 1984.

## ECOLOGY/ÉCOLOGIE

HATCH, S.A. 1983.

## FISHERIES/PECHERIES

ROPER, C.F.E., SWEENEY, NAUEN 1984.

## SYSTEMATICS/SYSTEMATIQUE

ROPER, C.F.E., SWEENEY, NAUEN 1984.

## TAXONOMY/TAXINOMIE

ROPER, C.F.E., SWEENEY, NAUEN 1984.

## GONATUS ONYX YOUNG 1972

## NAMES APPLIED/NOMS EMPLOYES

GONATUS ONYX YOUNG 1972

NESIS, K.N. 1973B.

## MARINE

## REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973B.

PACIFIC/PACIFIQUE NESIS, K.N. 1973B.

DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B.

## GONATUS PYROS YOUNG 1972

## NAMES APPLIED/NOMS EMPLOYES

GONATUS PYROS YOUNG 1972

NESIS, K.N. 1973B.

## MARINE

## REGIONS

ARCTIC/ARCTIQUE NESIS, K.N. 1973B.

DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B.

## GONATUS STEENSTRUPII KRISTENSEN 1981

## NAMES APPLIED/NOMS EMPLOYES

GONATUS STEENSTRUPII KRISTENSEN 1981

KRISTENSEN, T.K. 1981. STEPHEN, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE KRISTENSEN, T.K. 1981. STEPHEN, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## DEVELOPMENT/DEVELOPPEMENT

KRISTENSEN, T.K. 1981.

## DISTRIBUTION/REPARTITION

KRISTENSEN, T.K. 1981. STEPHEN, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## FISHERIES/PECHERIES

ROPER, C.F.E., SWEENEY, NAUEN 1984.

## 16 GONATIDAE

### GONATUS STEENSTRUP KRISTENSEN 1981 - Cont'd.

MORPHOLOGY/MORPHOLOGIE  
KRISTENSEN, T.K. 1981  
SYSTEMATICS/SYSTEMATIQUE  
KRISTENSEN, T.K. 1981 STEPHENS, J. 1982(MS)  
TAXONOMY/TAXINOMIE  
KRISTENSEN, T.K. 1981 STEPHENS, J. 1982(MS) ROPER, C.F.E., SWEENEY, NAUEN. 1984

### GONATUS TINRO NESIS 1972

NAMES APPLIED/NOMS EMPLOYES  
GONATUS TINRO NESIS 1972  
NESIS, K.N. 1973A, 1973B  
MARINE  
REGIONS  
ARCTIC/ARCTIQUE NESIS, K.N. 1973B  
PACIFIC/PACIFIQUE NESIS, K.N. 1973A, 1973B  
DISTRIBUTION/REPARTITION  
NESIS, K.N. 1973A, 1973B

### GONATUS URSABRUNAE JEFFERTS 1985

NAMES APPLIED/NOMS EMPLOYES  
GONATUS URSABRUNAE JEFFERTS 1985  
JEFFERTS, K. 1985  
MARINE  
REGIONS  
PACIFIC/PACIFIQUE JEFFERTS, K. 1985  
DISTRIBUTION/REPARTITION  
JEFFERTS, K. 1985  
MORPHOLOGY/MORPHOLOGIE  
JEFFERTS, K. 1985  
SYSTEMATICS/SYSTEMATIQUE  
JEFFERTS, K. 1985  
TAXONOMY/TAXINOMIE  
JEFFERTS, K. 1985

### GONATUS SP

NAMES APPLIED/NOMS EMPLOYES  
GONATUS SP  
NESIS, K.N. 1973B WILSON, J.R., GORHAM 1982A CHUMAKOV, A.K., PODRAZHANSKAYA 1986  
GONATUS SP AS GONATUS CF FABRICII  
AKIMUSHKIN, I.I. 1963 YOUNG, R.E. 1972 HOCHBERG, F.G. 1974

MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE CHUMAKOV, A.K., PODRAZHANSKAYA 1986  
ARCTIC/ARCTIQUE NESIS, K.N. 1973B  
PACIFIC/PACIFIQUE AKIMUSHKIN, I.I. 1963 YOUNG, R.E. 1972 NESIS, K.N. 1973B HOCHBERG, F.G. 1974 WILSON, J.R., GORHAM 1982A  
DISTRIBUTION/REPARTITION  
AKIMUSHKIN, I.I. 1963 YOUNG, R.E. 1972 NESIS, K.N. 1973B WILSON, J.R., GORHAM 1982A  
ECOLOGY/ECOLOGIE  
AKIMUSHKIN, I.I. 1963 CHUMAKOV, A.K., PODRAZHANSKAYA 1986  
FISHERIES/PECHERIES  
WILSON, J.R., GORHAM 1982A  
SYSTEMATICS/SYSTEMATIQUE  
AKIMUSHKIN, I.I. 1963 HOCHBERG, F.G. 1974  
TAXONOMY/TAXINOMIE  
AKIMUSHKIN, I.I. 1963 NESIS, K.N. 1973B  
TECHNIQUES  
WILSON, J.R., GORHAM 1982A

## GONATIDAE GENUS INCERTUM

### GONATUS SP.

NAMES APPLIED/NOMS EMPLOYES  
GONATUS SP  
LARKIN, P.A., RICKER 1964 BARRACLOUGH, W.E., HERLINVEAUX 1965(MS) PIKE, G.C.  
MACASKIE, CRAIG 1965(MS) COONEY, R.T. 1981 HARRY, G.Y., HARTLEY 1981 FOWLER, C.W. 1982

MARINE  
REGIONS  
ARCTIC/ARCTIQUE COONEY, R.T. 1981 HARRY, G.Y., HARTLEY 1981  
PACIFIC/PACIFIQUE LARKIN, P.A., RICKER 1964 BARRACLOUGH, W.E., HERLINVEAUX 1965(MS) PIKE, G.C., MACASKIE, CRAIG 1965(MS) FOWLER, C.W. 1982  
DISTRIBUTION/REPARTITION  
BARRACLOUGH, W.E., HERLINVEAUX 1965(MS) COONEY, R.T. 1981  
ECOLOGY/ECOLOGIE  
LARKIN, P.A., RICKER 1964 PIKE, G.C., MACASKIE, CRAIG 1965(MS) HARRY, G.Y., HARTLEY 1981 FOWLER, C.W. 1982

## HISTIOTEUTHIDAE

### HISTIOTEUTHIS BONNELLI (FERUSSAC 1835)

NAMES APPLIED/NOMS EMPLOYES  
HISTIOTEUTHIS BONNELLI (FERUSSAC 1835)  
JOHNSON, C.W. 1934 CLARKE, M.R. 1966 VOSS, N.A. 1969 STEPHENS, J. 1982(MS) VAN DER SPOELS, HEYMAN 1983 ROPER, C.F.E., SWEENEY, NAUEN 1984  
HISTIOTEUTHIS BONNELLI (FERUSSAC 1835) AS HISTIOTEUTHIS BONNELLIANA PEEFER, G. 1912  
HISTIOTEUTHIS COLLINSII VERRILL 1879  
VERRILL, A.E. 1879-1880, 1879E  
MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE VERRILL, A.E. 1879-1880, 1879E PEEFER, G. 1912 JOHNSON, C.W. 1934 CLARKE, M.R. 1966 VOSS, N.A. 1969 STEPHENS, J. 1982(MS) VAN DER SPOELS, HEYMAN 1983 ROPER, C.F.E., SWEENEY, NAUEN 1984  
DISTRIBUTION/REPARTITION  
VERRILL, A.E. 1879E PEEFER, G. 1912 JOHNSON, C.W. 1934 CLARKE, M.R. 1966 VOSS, N.A. 1969 STEPHENS, J. 1982(MS) VAN DER SPOELS, HEYMAN 1983 ROPER, C.F.E., SWEENEY, NAUEN 1984  
ECOLOGY/ECOLOGIE  
CLARKE, M.R. 1966

FISHERIES/PECHERIES  
ROPER, C.F.E., SWEENEY, NAUEN 1984  
MORPHOLOGY/MORPHOLOGIE  
VERRILL, A.E. 1879-1880 PEEFER, G. 1912  
SYSTEMATICS/SYSTEMATIQUE  
VERRILL, A.E. 1879-1880 PEEFER, G. 1912 CLARKE, M.R. 1966 STEPHENS, J. 1982(MS)  
ROPER, C.F.E., SWEENEY, NAUEN 1984  
TAXONOMY/TAXINOMIE  
VERRILL, A.E. 1879-1880 PEEFER, G. 1912 CLARKE, M.R. 1966 VOSS, N.A. 1969 STEPHENS, J. 1982(MS) ROPER, C.F.E., SWEENEY, NAUEN 1984

### HISTIOTEUTHIS DOBLEINI (PEEFER 1912)

NAMES APPLIED/NOMS EMPLOYES  
HISTIOTEUTHIS DOBLEINI (PEEFER 1912)  
BERNARD, F. 1970A STEPHENS, J. 1982(MS) WILSON, J.R., GORHAM 1982A

MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)  
PACIFIC/PACIFIQUE BERNARD, F. 1970A WILSON, J.R., GORHAM 1982A  
DISTRIBUTION/REPARTITION  
BERNARD, F. 1970A STEPHENS, J. 1982(MS) WILSON, J.R., GORHAM 1982A  
FISHERIES/PECHERIES  
WILSON, J.R., GORHAM 1982A  
SYSTEMATICS/SYSTEMATIQUE  
STEPHENS, J. 1982(MS)  
TAXONOMY/TAXINOMIE  
STEPHENS, J. 1982(MS)  
TECHNIQUES  
WILSON, J.R., GORHAM 1982A

## HISTIOTEUTHIS ELONGATA (N.A. VOSS &amp; G.L. VOSS 1962)

NAMES APPLIED/NOMS EMPLOYES  
HISTIOTEUTHIS ELONGATA (N.A. VOSS & G.L. VOSS 1962)  
STEPHENS, J. 1982(MS)

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)  
DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## HISTIOTEUTHIS REVERSA (VERRILL 1880)

NAMES APPLIED/NOMS EMPLOYES  
CALLISTEUTHIS REVERSA VERRILL 1880  
VOSS, N.A., VOSS 1962

HISTIOTEUTHIS REVERSA (VERRILL 1880)  
MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE VOSS, N.A., VOSS 1962 MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

DISTRIBUTION/REPARTITION

MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

ECOLOGY/ÉCOLOGIE

VOSS, N.A., VOSS 1962 MACALASTER, E. 1977(MS)

SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

TAXONOMY/TAXINOMIE

VOSS, N.A., VOSS 1962 MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

## LEPIDOTEUTHIDAE

## PHOLIDOTEUTHIS ADAMI G.L. VOSS 1956

NAMES APPLIED/NOMS EMPLOYES  
PHOLIDOTEUTHIS ADAMI G.L. VOSS 1956  
STEPHENS, J. 1982(MS)

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)  
DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## TETRIONCHOTEUTHIS DUSSUMIERI (D'ORBIGNY 1839)

NAMES APPLIED/NOMS EMPLOYES  
TETRIONCHOTEUTHIS DUSSUMIERI (D'ORBIGNY 1839)  
REES, E.I.S., CLARKE 1963

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE REES, E.I.S., CLARKE 1963  
DISTRIBUTION/REPARTITION

REES, E.I.S., CLARKE 1963

ECOLOGY/ÉCOLOGIE

REES, E.I.S., CLARKE 1963

MORPHOLOGY/MORPHOLOGIE

REES, E.I.S., CLARKE 1963

TAXONOMY/TAXINOMIE

REES, E.I.S., CLARKE 1963

## LOIGINIDAE

## \*ALLOTEUTHIS MEDIA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES  
SEPIA MEDIA (LINNAEUS 1758)  
HACKETT, E. ET AL 1888

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE HACKETT, E. ET AL 1888

DISTRIBUTION/REPARTITION

HACKETT, E. ET AL 1888

## \*LOLIGO FORBESI STEENSTRUP 1856

NAMES APPLIED/NOMS EMPLOYES  
LOLIGO FORBESI STEENSTRUP 1856  
FRIFMAN, H.C. ET AL 1974

MARINE  
REGIONS

ATLANTIC/ATLANTIQUE FRIFMAN, H.C. ET AL 1974  
ECOLOGY/ÉCOLOGIE

FRIFMAN, H.C. ET AL 1974

## LOLIGO OPALASCENS BERRY 1911

NAMES APPLIED/NOMS EMPLOYES

LOLIGO OPALASCENS BERRY 1911  
BERRY, S.S. 1911, 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934A PRITCHARD, A.L., TESTER 1944 NORRIS, E.R., BENOIT 1945 FRASER, C.M.C. 1946B GRIFFITH, M. 1954 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) PIKE, G.C., SPALDING, D.J. 1964 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) LARKIN, P.A., RICKER 1964 SPALDING, D.J. 1964 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) HOLMBERG, D. 1967 MILLER, B.S. 1967 MERCER, M.C. 1968 PARKER, R.R. 1968(MS) PREST, J. 1968, 1969A, 1969B(MS) BERNARD, F.R. 1970A SMITH, J.E. 1970A, 1970B(MS) 1971A, 1971B(MS) BIGG, M.A., MACASKIE 1972A(MS), 1972B(MS) SMITH, J.E. 1972A, 1972B(MS) YOUNG, R.E. 1972 NESIS, K.N. 1973B SMITH, J.E. 1973 VOSS, G.L. 1973 BIGG, M.A., MACASKIE 1974(MS) HOLMBERG, F.G. 1974 MACFARLANE, S.A., YAMAMOTO 1974 SMITH, J.E. 1974 BIGG, M.A., MACASKIE 1975(MS) SEALY, S.G. 1975 SMITH, J.E. 1975 SMITH, J. 1977 MCDANIEL, N.G., LEVINGS, E.T. ET AL 1978 SMITH, J.E. 1978 VERMEER, K. 1979 BERNARD, F.R. 1980 BERNARD, F.R. (ED) 1982 FOWLER, C.W. 1982 O'DORR, K. 1982 VERMEER, K., WESTRIEM 1983 CASSA, J., ET AL 1984 FARGO, J., ET AL 1984 MCFARLANE, G.A., ET AL 1984 ROPER, C.F.E., SWEENEY, NAUEN 1984 SAUNDERS, M.W., ET AL 1984 SHIMEK, R.L., ET AL 1984 FARLINGER, S., BATES 1985 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986 LEAMAN, J.E. 1986

MARINE  
REGIONS

PACIFIC/PACIFIQUE BERRY, S.S. 1911, 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934A PRITCHARD, A.L., TESTER 1944 NORRIS, E.R., BENOIT 1945 FRASER, C.M.C. 1946B GRIFFITH, M. 1954 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) PIKE, G.C., SPALDING, D.J. 1964 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) LARKIN, P.A., RICKER 1964 SPALDING, D.J. 1964 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) HOLMBERG, D. 1967 MILLER, B.S. 1967 MERCER, M.C. 1968 PARKER, R.R. 1968(MS) PREST, J. 1968, 1969A, 1969B(MS) BERNARD, F.R. 1970A SMITH, J.E. 1970A, 1970B(MS) 1971A, 1971B(MS) BIGG, M.A., MACASKIE 1972A(MS), 1972B(MS) SMITH, J.E. 1972A, 1972B(MS) YOUNG, R.E. 1972 NESIS, K.N. 1973B SMITH, J.E. 1973 VOSS, G.L. 1973 BIGG, M.A., MACASKIE 1974(MS) HOLMBERG, F.G. 1974 MACFARLANE, S.A., YAMAMOTO 1974 SMITH, J.E. 1974 BIGG, M.A., MACASKIE 1975(MS) SEALY, S.G. 1975 SMITH, J.E. 1975 SMITH, J. 1977 MCDANIEL, N.G., LEVINGS, E.T. ET AL 1978 SMITH, J.E. 1978 VERMEER, K. 1979 BERNARD, F.R. 1980 BERNARD, F.R. (ED) 1982 FOWLER, C.W. 1982 O'DORR, K. 1982 VERMEER, K., WESTRIEM 1983 CASSA, J., ET AL 1984 FARGO, J., ET AL 1984 MCFARLANE, G.A., ET AL 1984 ROPER, C.F.E., SWEENEY, NAUEN 1984 SAUNDERS, M.W., ET AL 1984 SHIMEK, R.L., ET AL 1984 FARLINGER, S., BATES 1985 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986 LEAMAN, J.E. 1986

BEHAVIOUR/COMPORTEMENT

MACFARLANE, S.A., YAMAMOTO 1974 BERNARD, F.R. 1980

BIOCHEMISTRY/BIOCHIMIE

NORRIS, E.R., BENOIT 1945

DISTRIBUTION/REPARTITION

BERRY, S.S. 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934A GRIFFITH, M. 1954 BARRACLOUGH, W.E., HERLIN, VEAUX 1965(MS) MERCER, M.C. 1968 BERNARD, F.R. 1970A YOUNG, R.E. 1972 NESIS, K.N. 1973B VOSS, G.L. 1973 MACFARLANE, S.A., YAMAMOTO



# 18 LOLIGINIDAE

## LOLIGO OPALESCENS BERRY 1911 - Cont'd

- 1974 SMITH, A.G. 1974A. BERNARD, F.R. 1980. CASSA, J. ET AL. 1984. FARGO, J. ET AL. 1984. ROPER, C.F.E. 1982. SWEENEY, NAUEN 1984. SAUNDERS, M.W. ET AL. 1984. JAMIESON, G.S., FRANCIS 1986. JEFFERTS, K. 1986.
- ECOLOGY/ECOLOGIE
- FRASER, C.M.C.L. 1932. PRITCHARD, A.L. 1944. FRASER, C.M.C.L. 1946B. PIKE, G.C., SPALDING, ET AL. 1962(MS). SPALDING, D.J. 1964. MILLER, B.S. 1967. PARKER, R. 1968(MS). BIGG, M.A., MACASKIE 1972(MS), 1972(BMS). VOSS, G.L. 1973. BIGG, M.A., MACASKIE 1974(MS). MACFARLANE, S.A., YAMAMOTO 1974. BIGG, M.A., MACASKIE 1975(MS). SEALY, S.G. 1975. MCDONALD, N.G., LEVINGS, ET AL. 1978. VERMEER, K. 1979. BERNARD, F.R. 1980. FOWLER, C.W. 1982. VERMEER, K., WESTHEIM 1983. MACFARLANE, A.G., ET AL. 1984. JAMIESON, G.S., FRANCIS 1986. JEFFERTS, K. 1986.
- FISHERIES/PECHERIES
- BARRACLOUGH, W.E., HERLIN, V.A., 1961(MS). LARKIN, P.A., RIKER 1964. HOLM-BERG, D. 1967. PREST, J. 1968, 1969A, 1969(BMS). SMITH, J.E. 1970A, 1970(BMS), 1971A, 1971(BMS), 1972A, 1972(BMS), 1973. VOSS, G.L. 1973. MACFARLANE, S.A., YAMAMOTO 1974. SMITH, J.E. 1974, 1975. SMITH, J.E. 1977. SMITH, J.E. 1978, 1979. BERNARD, F.R. 1980. BERNARD, F.R. (ED.) 1982. ROPER, C.F.E., SWEENEY, NAUEN 1984. FARLINGER, S., BATES 1985. JAMIESON, G.S., FRANCIS 1986. JEFFERTS, K. 1986. LEAMAN, J.E. 1986.
- LIFE HISTORY/CYCLE VITAL
- BERNARD, F.R. 1980. SHIMEK, R.L., ET AL. 1984.
- MORPHOLOGY/MORPHOLOGIE
- BERRY, S.S. 1911. MACFARLANE, S.A., YAMAMOTO 1974. BERNARD, F.R. 1980.
- PHYIOLOGY/PHYSIOLOGIE
- MACFARLANE, S.A., YAMAMOTO 1974. BERNARD, F.R. 1980. O'DORR, K. 1982.
- SYSTEMATICS/SYSTEMATIQUE
- HOCHBERG, F.G. 1974. ROPER, C.F.E., SWEENEY, NAUEN 1984.
- TAXONOMY/TAXINOMIE
- BERRY, S.S. 1911, 1912. SMITH, A.G. 1974A. ROPER, C.F.E., SWEENEY, NAUEN 1984.
- TECHNIQUES
- VOSS, G.L. 1973. BERNARD, F.R. 1980. O'DORR, K. 1982. JEFFERTS, K. 1986.

## LOLIGO PEALEI LESUEUR 1821

- NAMES APPLIED/NOMS EMPLOYES
- LOLIGO PEALEI LESUEUR 1821
- GANONG, W.F. 1889. BATTLE, H.I. 1933(BMS). BOUSFIELD, E.L., LEIM 1960. MERCER, M.C. 1970B. SUMMERS, W.C. 1971. UCINSKIS 1973. PAULMIER, G. 1974(MS). PAULMIER, G., MESNIL, 1975(MS). BRINKHURST, R.O., LINKLETTER, ET AL. 1976. MESNIL, B. 1977. ARNOLD, G.P. 1979. BROMLEY, J.E.C. 1979. SCARRETT, D.J. (ED.) 1982. STEPHENS, J. 1982(MS). FROEMAN, Y.U.M. 1984(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984. COELHOM, L. 1985. ROWELL, T.W. 1985. HALLIDAY, R.G., ET AL. 1986.
- LOLIGO PEALEI LESUEUR 1821 AS LOLIGO PEALEI
- DYER, W.J. 1952. MERCER, M.C. 1968. MACALASTER, E. 1977(MS).
- LOLIGO PEALEI LESUEUR 1821 AS LOLIGO PEALEI
- ELSON, P.F., HOAR, 1935(MS). SERGEANT, D.E., FISHER 1957. HALL, R.A., ET AL. 1978.
- LOLIGO PEALEI LESUEUR 1821 AS LOLIGO PEALEI
- HUNTSMAN, M.E. NO DATE(MS). PROVANCHER, L. 1890A, 1891A. STAFFORD, J. 1912D. BAYNE, P.M. 1929(MS). KLUGH, A.B. 1930B. PREFONTAINE, G. 1930. STEVENSON, J.A. 1933A, 1934A, 1934B, 1935(MS). BOUSFIELD, E.L. 1952. SQUIRES, J. 1957B. BOUNFIELD, L., LAUBITZ 1972. UCINSKIS 1973. PAULMIER, G. 1974(MS). PAULMIER, G., MESNIL, 1975(MS). BRINKHURST, R.O., LINKLETTER, ET AL. 1976. MACALASTER, E. 1977(MS). MESNIL, B. 1977. HALL, R.A., ET AL. 1978. ARNOLD, G.P. 1979. BROMLEY, J.E.C. 1979. SCARRETT, D.J. (ED.) 1982. STEPHENS, J. 1982(MS). FROEMAN, Y.U.M. 1984(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984. COELHOM, L. 1985. ROWELL, T.W. 1985. HALLIDAY, R.G., ET AL. 1986.
- LOLIGO PEALEI LESUEUR 1821 AS LOLIGO PEALEI
- JOHNSON, C.W. 1934.

## MARINE

## REGIONS

- ATLANTIC/ATLANTIQUE
- HUNTSMAN, M.E. NO DATE(MS). GANONG, W.F. 1889. PROVANCHER, L. 1890A, 1891A. STAFFORD, J. 1912D. BAYNE, P.M. 1929(MS). KLUGH, A.B. 1930B. PREFONTAINE, G. 1930. BATTLE, H.I. 1933(BMS). STEVENSON, J.A. 1933. JOHNSON, C.W. 1934. STEVENSON, J.A. 1934A, 1934B. ELSON, P.F., HOAR, 1935(MS). STEVENSON, J.A. 1935(MS). BOUSFIELD, E.L. 1952. SERGEANT, D.E., FISHER 1957. SQUIRES, H.J. 1957B. BOUSFIELD, E.L., LEIM 1960. MERCER, M.C. 1968, 1970B. SUMMERS, W.C. 1971. BOUSFIELD, E.L., LAUBITZ 1972. UCINSKIS 1973. PAULMIER, G. 1974(MS). PAULMIER, G., MESNIL, 1975(MS). BRINKHURST, R.O., LINKLETTER, ET AL. 1976. MACALASTER, E. 1977(MS). MESNIL, B. 1977. HALL, R.A., ET AL. 1978. ARNOLD, G.P. 1979. BROMLEY, J.E.C. 1979. SCARRETT, D.J. (ED.) 1982. STEPHENS, J. 1982(MS). FROEMAN, Y.U.M. 1984(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984. COELHOM, L. 1985. ROWELL, T.W. 1985. HALLIDAY, R.G., ET AL. 1986.
- PACIFIC/PACIFIQUE
- DYER, W.J. 1952.
- BEHAVIOUR/COMPORTEMENT
- STEVENSON, J.A. 1934A, 1935(MS). FROEMAN, Y.U.M. 1984(MS).
- BIOCHEMISTRY/BIOCHIMIE
- DYER, W.J. 1952. HALL, R.A., ET AL. 1978.
- DEVELOPMENT/DEVELOPEMENT
- SUMMERS, W.C. 1971. MESNIL, B. 1977.

## DISTRIBUTION/REPARTITION

- GANONG, W.F. 1889. PROVANCHER, L. 1890A, 1891A. STAFFORD, J. 1912D. STEVENSON, J.A. 1933. JOHNSON, C.W. 1934. STEVENSON, J.A. 1934B. ELSON, P.F., HOAR, 1935(MS). BOUSFIELD, E.L. 1952. SERGEANT, D.E., FISHER 1957. BOUSFIELD, E.L., LEIM 1960. MERCER, M.C. 1968, 1970B. BOUSFIELD, E.L., LAUBITZ 1972. UCINSKIS 1973. MACALASTER, E. 1977(MS). ARNOLD, G.P. 1979. BROMLEY, J.E.C. 1979. SCARRETT, D.J. (ED.) 1982. STEPHENS, J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984. COELHOM, L. 1985. ROWELL, T.W. 1985. HALLIDAY, R.G., ET AL. 1986.

## ECOLOGY/ECOLOGIE

- HUNTSMAN, M.E. NO DATE(MS). KLUGH, A.B. 1930B. PREFONTAINE, G. 1930. BATTLE, H.I. 1933(BMS). BOUSFIELD, E.L., LEIM 1960. MACALASTER, E. 1977(MS). ARNOLD, G.P. 1979. FROEMAN, Y.U.M. 1984(MS). COELHOM, L. 1985.

## FISHERIES/PECHERIES

- GANONG, W.F. 1889. BAYNE, P.M. 1929(MS). UCINSKIS 1973. PAULMIER, G. 1974(MS). PAULMIER, G., MESNIL, 1975(MS). HALL, R.A., ET AL. 1978. ARNOLD, G.P. 1979. SCARRETT, D.J. (ED.) 1982. ROPER, C.F.E., SWEENEY, NAUEN 1984. ROWELL, T.W. 1985. HALLIDAY, R.G., ET AL. 1986.

## LIFE HISTORY/CYCLE VITAL

- STEVENSON, J.A. 1935(MS). SUMMERS, W.C. 1971. MESNIL, B. 1977. COELHOM, L. 1985. ROWELL, T.W. 1985.

## MORPHOLOGY/MORPHOLOGIE

- GANONG, W.F. 1889. SQUIRES, H.J. 1957B. BRINKHURST, R.O., LINKLETTER, ET AL. 1976. PATHOLOGY/PATHOLOGIE

- STEVENSON, J.A. 1933, 1934B, 1935(MS).

## PHYSIOLOGY/PHYSIOLOGIE

- STEVENSON, J.A. 1933, 1934B.

## SYSTEMATICS/SYSTEMATIQUE

- STEPHENS, S.J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## TAXONOMY/TAXINOMIE

- PROVANCHER, L. 1891A. BRINKHURST, R.O., LINKLETTER, ET AL. 1976. MACALASTER, E. 1977(MS). STEPHENS, J. 1982(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984.

## TECHNIQUES

- SUMMERS, W.C. 1971. ROWELL, T.W. 1985.

## LOLIGO SP.

## NAMES APPLIED/NOMS EMPLOYES

## LOLIGO SP.

- BARRACLOUGH, W.E. 1967(BMS). PINHORN, A.T., HALLIDAY 1975. JONES, B.C., GEEN 1977. SHAW, W., ET AL. 1985.

## MARINE

## REGIONS

- ATLANTIC/ATLANTIQUE
- PINHORN, A.T., HALLIDAY 1975.
- PACIFIC/PACIFIQUE
- BARRACLOUGH, W.E. 1967(BMS). JONES, B.C., GEEN 1977. SHAW, W., ET AL. 1985.

## DISTRIBUTION/REPARTITION

- SHAW, W., ET AL. 1985.

## ECOLOGY/ECOLOGIE

- BARRACLOUGH, W.E. 1967(BMS). JONES, B.C., GEEN 1977. SHAW, W., ET AL. 1985.

## FISHERIES/PECHERIES

- PINHORN, A.T., HALLIDAY 1975.

## MASTIGOTEUTHIDAE

## MASTIGOTEUTHIS AGASSIZI VERRILL 1881

## NAMES APPLIED/NOMS EMPLOYES

- MASTIGOTEUTHIS AGASSIZI VERRILL 1881 AS MASTIGOTEUTHIS AGASSIZI
- MERCER, M.C. 1968.

## MARINE

## REGIONS

- ATLANTIC/ATLANTIQUE
- MERCER, M.C. 1968.

## DISTRIBUTION/REPARTITION

- MERCER, M.C. 1968.

## MASTIGOTEUTHIS CORDIFORMIS CHUN 1908

## NAMES APPLIED/NOMS EMPLOYES

MASTIGOTEUTHIS CORDIFORMIS CHUN 1908  
CLARKE,M.R. 1966. STEPHENS,J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE CLARKE,M.R. 1966. STEPHENS,J. 1982(MS)

## DISTRIBUTION/REPARTITION

CLARKE,M.R. 1966. STEPHENS,J. 1982(MS)

## ECOLOGY/ECOLOGIE

CLARKE,M.R. 1966.

## SYSTEMATICS/SYSTEMATIQUE

CLARKE,M.R. 1966. STEPHENS,J. 1982(MS)

## TAXONOMY/TAXINOMIE

CLARKE,M.R. 1966. STEPHENS,J. 1982(MS)

## MASTIGOTEUTHIS HJORTI CHUN 1913

## NAMES APPLIED/NOMS EMPLOYES

MASTIGOTEUTHIS HJORTI CHUN 1913  
STEPHENS,J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHENS,J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS,J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS,J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS,J. 1982(MS)

## OCTOPODIDAE

## BATHYPOLYPUS ARCTICUS (PROSCH 1849)

## NAMES APPLIED/NOMS EMPLOYES

BATHYPOLYPUS ARCTICUS (PROSCH 1849)  
ROBSON,G.C. 1932. JOHNSON,C.W. 1934. JEANY 1948. BRUNEL,P. 1961H  
CLARKE,A.H. JR. 1962. PREFONTAINE,G. BRUNEL 1962. BRUNEL,P. 1970A. SER-  
GEANT,D.E. 1973. LEDOVER,M. 1975C. BRINKHURST,R.O. LINKLETTER,ET AL. 1976  
MACALASTER,E. 1977(MS). DRAINVILLE,G. LALANCETTE, BRASSARD 1978. MINET,J.P.  
PERODOU 1978. WACASEY,J.W. ATKINSON, GLASSPOOLE 1979. MACALASTER,E.G. 1981.  
FINLEY,K.J. GIBB 1982. STEPHENS,J. 1982(MS). LALANCETTE, L.-M. 1984. ROPER,C.F.E.,  
SWEENEY, NAUEN 1984.

## OCTOPUS BAIKIDII VERRILL 1873

VERRILL,A.E. 1873C, 1880-1881. PREFONTAINE,G. 1933. STEELE,D.H. 1958(MS). CAD-  
DY,J.F. 1970B.

## OCTOPUS BAIKIDII VERRILL 1873 AS OCTOPUS BAIKIDII

VERRILL,A.E. 1882A. LEDOVER,M. 1975A, 1975C.

## OCTOPUS GROENLANDICUS STEENSTRUP 1856

DALL,W.H. 1885B. MURDOCH,J. 1885B.

## OCTOPUS LENTUS VERRILL 1880

VERRILL,A.E. 1880-1881.

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE VERRILL,A.E. 1873C, 1880-1881, 1882A. ROBSON,G.C. 1932. PRE-  
FONTAINE,G. 1933. JOHNSON,C.W. 1934. JEANY 1948. STEELE,D.H. 1958(MS). BRU-  
NEL,P. 1961H. CLARKE,A.H. JR. 1962. PREFONTAINE,G. BRUNEL 1962. BRUNEL,P.  
1970A. CADDY,J.F. 1970B. SERGEANT,D.E. 1973. LEDOVER,M. 1975A, 1975C. BRINKHUR-  
ST,R.O. LINKLETTER,ET AL. 1976. MACALASTER,E. 1977(MS). DRAINVILLE,G. LALAN-  
CETTE, BRASSARD 1978. MINET,J.P. PERODOU 1978. MACALASTER,E.G. 1981. STE-  
PHENS,J. 1982(MS). LALANCETTE, L.-M. 1984. ROPER,C.F.E., SWEENEY, NAUEN 1984.  
ARCTIC/ARCTIQUE DALL,W.H. 1885B. MURDOCH,J. 1885B. WACASEY,J.W. ATKINSON,  
GLASSPOOLE 1979. FINLEY,K.J. GIBB 1982.

## DISTRIBUTION/REPARTITION

VERRILL,A.E. 1880-1881. DALL,W.H. 1885B. MURDOCH,J. 1885B. ROBSON,G.C. 1932. PRE-  
FONTAINE,G. 1933. JOHNSON,C.W. 1934. JEANY 1948. BRUNEL,P. 1961H.  
CLARKE,A.H. JR. 1962. PREFONTAINE,G. BRUNEL 1962. BRUNEL,P. 1970A. CADDY,J.F.  
1970B. MACALASTER,E. 1977(MS). DRAINVILLE,G. LALANCETTE, BRASSARD 1978. WA-  
CASEY,J.W. ATKINSON, GLASSPOOLE 1979. MACALASTER,E.G. 1981. STEPHENS,J.

1982(MS). ROPER,C.F.E. SWEENEY, NAUEN 1984.

## ECOLOGY/ECOLOGIE

JEANY 1948. STEELE,D.H. 1958(MS). SERGEANT,D.E. 1973. LEDOVER,M. 1975A, 1975C.  
MACALASTER,E. 1977(MS). DRAINVILLE,G. LALANCETTE, BRASSARD 1978. MINET,J.P.  
PERODOU 1978. WACASEY,J.W. ATKINSON, GLASSPOOLE 1979. MACALASTER,E.G. 1981.  
FINLEY,K.J. GIBB 1982. LALANCETTE, L.-M. 1984.

## FISHERIES/PECHERIES

ROPER,C.F.E., SWEENEY, NAUEN 1984.

## LIFE HISTORY/CYCLE VITAL

MACALASTER,E.G. 1981.

## MORPHOLOGY/MORPHOLOGIE

VERRILL,A.E. 1873C, 1880-1881, 1882A. ROBSON,G.C. 1932. JEANY 1948. BRINKHUR-  
ST,R.O. LINKLETTER,ET AL. 1976.

## SYSTEMATICS/SYSTEMATIQUE

VERRILL,A.E. 1880-1881, 1882A. ROBSON,G.C. 1932. STEPHENS,J. 1982(MS). ROPER,C.F.E.  
SWEENEY, NAUEN 1984.

## TAXONOMY/TAXINOMIE

VERRILL,A.E. 1873C, 1880-1881. ROBSON,G.C. 1932. BRUNEL,P. 1970A. LEDOVER,M.  
1975A. BRINKHURST,R.O. LINKLETTER,ET AL. 1976. MACALASTER,E. 1977(MS). STE-  
PHENS,J. 1982(MS). ROPER,C.F.E., SWEENEY, NAUEN 1984.

## BENTHOCTOPUS HOKKAIDENSIS (BERRY 1921)

## NAMES APPLIED/NOMS EMPLOYES

BENTHOCTOPUS HOKKAIDENSIS (BERRY 1921)  
MACGINITIE,N. 1959. SPARKS,A.K., PEREYRA 1966.

## MARINE

## REGIONS

ARCTIC/ARCTIQUE MACGINITIE,N. 1959. SPARKS,A.K., PEREYRA 1966.

## DISTRIBUTION/REPARTITION

MACGINITIE,N. 1959. SPARKS,A.K., PEREYRA 1966.

## TAXONOMY/TAXINOMIE

MACGINITIE,N. 1959.

## BENTHOCTOPUS HONGKONGENSIS (HOYLE 1885)

## NAMES APPLIED/NOMS EMPLOYES

OCTOPUS HONGKONGENSIS (HOYLE 1885)  
EYERDAM,W.J. 1961.  
POLYPUS HONGKONGENSIS HOYLE 1885  
BERRY,S.S. 1912. FRASER,C.MCL. 1932. NORRIS,E.R., BENOIT 1945. GRIFFITH,L.M. 1954.  
FORRESTER,C.R., KETCHEN 1963.

## MARINE

## REGIONS

PACIFIC/PACIFIQUE BERRY,S.S. 1912. FRASER,C.MCL. 1932. NORRIS,E.R., BENOIT 1945.  
GRIFFITH,L.M. 1954. EYERDAM,W.J. 1961. FORRESTER,C.R., KETCHEN 1963.

## BIOCHEMISTRY/BIOCHIMIE

NORRIS,E.R., BENOIT 1945.

## DISTRIBUTION/REPARTITION

BERRY,S.S. 1912. FRASER,C.MCL. 1932. GRIFFITH,L.M. 1954. EYERDAM,W.J. 1961.

## ECOLOGY/ECOLOGIE

FRASER,C.MCL. 1932.

## FISHERIES/PECHERIES

FORRESTER,C.R., KETCHEN 1963.

## TAXONOMY/TAXINOMIE

BERRY,S.S. 1912.

## BENTHOCTOPUS PISCATORUM (VERRILL 1879)

## NAMES APPLIED/NOMS EMPLOYES

BENTHOCTOPUS PISCATORUM (VERRILL 1879)  
ROBSON,G.C. 1932. ALDRICH,F.A., LU 1968A. STEPHENS,J. 1982(MS).  
OCTOPUS PISCATORUM VERRILL 1879  
VERRILL,A.E. 1880-1881. JOHNSON,C.W. 1934.

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE VERRILL,A.E. 1880-1881. ROBSON,G.C. 1932. JOHNSON,C.W.  
1934. ALDRICH,F.A., LU 1968A. STEPHENS,J. 1982(MS).

## BENTHOCTOPUS PISCATORUM (VERRILL 1879) - Cont'd.

## DISTRIBUTION/REPARTITION

VERRILL, A.E. 1880-1881 ROBINSON, G.C. 1932 JOHNSON, C.W. 1934 ALDRICH, F.A., LU 1968A STEPHENS, J. 1982(MS)

## MORPHOLOGY/MORPHOLOGIE

VERRILL, A.E. 1880-1881 ROBINSON, G.C. 1932 ALDRICH, F.A. LU 1968A

## SYSTEMATICS/SYSTEMATIQUE

VERRILL, A.E. 1880-1881 ROBINSON, G.C. 1932 STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

VERRILL, A.E. 1880-1881 ROBINSON, G.C. 1932 STEPHENS, J. 1982(MS)

## GRANELLEDONE VERRUCOSA (VERRILL 1881)

## NAMES APPLIED, NOMS EMPLOYES

GRANELLEDONE VERRUCOSA (VERRILL 1881)  
STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## OCTOPUS DEFLIPI VERANY 1951

## NAMES APPLIED, NOMS EMPLOYES

OCTOPUS DEFLIPI VERANY 1951  
STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## OCTOPUS DOLEINI (WULKER 1910)

## NAMES APPLIED, NOMS EMPLOYES

OCTOPUS DOLEINI (WULKER 1910)

SCHIEFFER, V.B. 1959 HOLMBERG, D. 1967 PRENT, J. 1968, 1969A, 1969B(MS) SMITH, J.E. 1970A, 1970B(MS), 1971A, 1971B(MS), 1972A, 1972B(MS), 1973, 1974, 1975

OCTOPUS DOLEINI (WULKER 1910)

CLEMENS, W.A. 1934A PICKFORD, G.E. 1964 MERCER, M.C. 1968 BERNARD, F.R. 1970A QUAYLE, D.B. 1972 MCDANIEL, N.G. 1973 VOSS, G.L. 1973 HOCHBERG, G.F. 1974

BELL, M., KALLMAN 1976A HIGGINS, L. 1976 SEBEUS, K.P., LAASO 1977 BERNARD, F.R. 1978 BRENN, P.A., ADKINS, HERITAGE 1978 HARTWICK, E.B., HIGGINS, L. 1978 HARTWICK, E.B., THORARINSSON 1978 HARTWICK, E.B., TULLOCH, MACDONALD 1981 WILSON, J.R., GORHAM 1982B HARTWICK, E.B., AMBROSE, ROBINSON 1984A, 1984B ROPER, C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986

OCTOPUS DOLEINI (WULKER 1910) AS OCTOPUS DOLEINI

FARLINGER, S., BATES 1985

OCTOPUS DOLEINI APOLYON (BERRY 1912)

PICKFORD, G.E. 1964

OCTOPUS DOLEINI MARTINI PIKJORD 1964

MARTIN, A.W., ALDRICH 1970 CARL, V.H. 1970 KYTEMA, COURTNEY 1977 MANN, T.W., ET AL 1977 HARTWICK, E.B., BRENN, TULLOCH 1978

OCTOPUS GILBERTIANUS (BERRY 1912)

ROBINSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 PICKFORD, G.E. 1964

OCTOPUS PUNCTATUS GABB 1862

CARPENTER, P.P. 1864A DALL, W.H. 1873 TAYLOR, G.W. 1895B

OCTOPUS PUNCTATUS GABB 1862 AS OCTOPUS PUNCTATUS

EYERDAM, J. 1961

PAROCTOPUS APOLYON BERRY 1912

LARKIN, P.A., RICKER 1964

POLYPS GILBERTIANUS BERRY 1912

BERRY, S.S. 1912

## MARINE

## REGIONS

PACIFIC PACIFIQUE CARPENTER, P.P. 1864A DALL, W.H. 1873 TAYLOR, G.W. 1895B BERRY, S.S. 1912 ROBINSON, G.C. 1929 CLEMENS, W.A. 1934 SCHIEFFER, V.B. 1959 EYERDAM, J. 1961 AKIMUSHKIN, I.I. 1963 LARKIN, P.A., RICKER 1964 PICKFORD, G.E. 1964

HOLMBERG, D. 1967 MERCER, M.C. 1968 PRENT, J. 1968, 1969A, 1969B(MS) BERNARD, F.R. 1970A MARTIN, A.W., ALDRICH 1970 SMITH, J.E. 1970A, 1970B(MS), 1971A, 1971B(MS)

QUAYLE, D.B. 1972 SMITH, J.E. 1972A, 1972B(MS) MCDANIEL, N.G. 1973 SMITH, J.E. 1973 VOSS, G.L. 1973 HOCHBERG, G.F. 1974 SMITH, J.E. 1974 GABES, H. 1975 SMITH, J.E. 1975 BELL, M., KALLMAN 1976A HIGGINS, L. 1976 KYTEMA, COURTNEY 1977

MANN, T.W., ET AL 1977 SEBEUS, K.P., LAASO 1977 BERNARD, F.R. 1978 BRENN, P.A., ADKINS, HERITAGE 1978 HARTWICK, E.B., ET AL 1978 HARTWICK, E.B., BRENN, TULLOCH 1978 HARTWICK, E.B., THORARINSSON 1978 HARTWICK, E.B., TULLOCH, MACDONALD 1981 WILSON, J.R., GORHAM 1982B HARTWICK, E.B., AMBROSE, ROBINSON 1984A, 1984B ROPER, C.F.E., SWEENEY, NAUEN 1984 FARLINGER, S., BATES 1985 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986

## BEHAVIOUR/COMPORTEMENT

HIGGINS, L. 1976 KYTEMA, COURTNEY 1977 HARTWICK, E.B., ET AL 1978 HARTWICK, E.B., TULLOCH, MACDONALD 1981 HARTWICK, E.B., AMBROSE, ROBINSON 1984A, 1984B

## BIOCHEMISTRY/BIOCHIMIE

MANN, T.W., ET AL 1977

## DEVELOPMENT/DEVELOPPEMENT

HARTWICK, E.B., TULLOCH, MACDONALD 1981

## DISTRIBUTION/REPARTITION

CARPENTER, P.P. 1864A DALL, W.H. 1873 TAYLOR, G.W. 1895B BERRY, S.S. 1912 ROBINSON, G.C. 1929 CLEMENS, W.A. 1934 SCHIEFFER, V.B. 1959 EYERDAM, J. 1961 AKIMUSHKIN, I.I. 1963 PICKFORD, G.E. 1964 MERCER, M.C. 1968 BERNARD, F.R. 1970A VOSS, G.L. 1973 BELL, M., KALLMAN 1976A SEBEUS, K.P., LAASO 1977 BERNARD, F.R. 1978 WILSON, J.R., GORHAM 1982B ROPER, C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986

## ECOLOGY/ÉCOLOGIE

TAYLOR, G.W. 1895B AKIMUSHKIN, I.I. 1963 MCDANIEL, N.G. 1973 VOSS, G.L. 1973 BELL, M., KALLMAN 1976A HIGGINS, L. 1976 BERNARD, F.R. 1978 BRENN, P.A., ADKINS, HERITAGE 1978 HARTWICK, E.B., THORARINSSON 1978 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986

## FISHERIES/PECHERIES

LARKIN, P.A., RICKER 1964 HOLMBERG, D. 1967 PRENT, J. 1968, 1969A, 1969B(MS) SMITH, J.E. 1970A, 1970B(MS), 1971A, 1971B(MS), 1972A, 1972B(MS) VOSS, G.L. 1973 SMITH, J.E. 1974, 1975 HIGGINS, L. 1976 HARTWICK, E.B., BRENN, TULLOCH 1978 WILSON, J.R., GORHAM 1982B ROPER, C.F.E., SWEENEY, NAUEN 1984 FARLINGER, S., BATES 1985 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986

## MORPHOLOGY/MORPHOLOGIE

DALL, W.H. 1873 BERRY, S.S. 1912 ROBINSON, G.C. 1929 PICKFORD, G.E. 1964 MARTIN, A.W., ALDRICH 1970

## PHYSIOLOGY/PHYSIOLOGIE

GABES, H. 1975

## SYSTEMATICS/SYSTEMATIQUE

ROBINSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 PICKFORD, G.E. 1964 HOCHBERG, G.F. 1974 ROPER, C.F.E., SWEENEY, NAUEN 1984

## TAXONOMY/TAXINOMIE

BERRY, S.S. 1912 ROBINSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 PICKFORD, G.E. 1964 ROPER, C.F.E., SWEENEY, NAUEN 1984

## TECHNIQUES

QUAYLE, D.B. 1972 VOSS, G.L. 1973 WILSON, J.R., GORHAM 1982B JEFFERTS, K. 1986

## OCTOPUS FITCH BERRY 1953

## NAMES APPLIED, NOMS EMPLOYES

OCTOPUS FITCH BERRY 1953

VOSS, G.L. 1973

OCTOPUS FITCH BERRY 1953 AS OCTOPUS FITCH

WILSON, J.R., GORHAM 1982B

## MARINE

## REGIONS

PACIFIC PACIFIQUE VOSS, G.L. 1973 WILSON, J.R., GORHAM 1982B

## DISTRIBUTION/REPARTITION

VOSS, G.L. 1973 WILSON, J.R., GORHAM 1982B

## ECOLOGY/ÉCOLOGIE

VOSS, G.L. 1973

## FISHERIES/PECHERIES

VOSS, G.L. 1973 WILSON, J.R., GORHAM 1982B

## TECHNIQUES

VOSS, G.L. 1973 WILSON, J.R., GORHAM 1982B

## OCTOPUS LEIODERMA (BERRY 1911)

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPUS LEIODERMA (BERRY 1911)

ROBSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 MERCER, M.C. 1968 HOCHBERG, F.G. 1974

MCDANIEL, N.G., LEVINGS, ET AL. 1978 JAMIESON, G.S., FRANCIS 1986

## POLYPUS LEIODERMA BERRY 1911

BERRY, S.S. 1911, 1912 SMITH, A.G. 1974A

## MARINE

## REGIONS

PACIFIC/PACIFIQUE BERRY, S.S. 1911, 1912 ROBSON, G.C. 1929 AKIMUSHKIN, I.I. 1963

MERCER, M.C. 1968 HOCHBERG, F.G. 1974 SMITH, A.G. 1974A MCDANIEL, N.G., LEVINGS,

ET AL. 1978 JAMIESON, G.S., FRANCIS 1986

## DISTRIBUTION/REPARTITION

BERRY, S.S. 1912 ROBSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 MERCER, M.C. 1968

SMITH, A.G. 1974A JAMIESON, G.S., FRANCIS 1986

## ECOLOGY/ECOLOGIE

AKIMUSHKIN, I.I. 1963 MCDANIEL, N.G., LEVINGS, ET AL. 1978 JAMIESON, G.S., FRANCIS

1986

## FISHERIES/PECHERIES

JAMIESON, G.S., FRANCIS 1986

## MORPHOLOGY/MORPHOLOGIE

BERRY, S.S. 1911 ROBSON, G.C. 1929

## SYSTEMATICS/SYSTEMATIQUE

ROBSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 HOCHBERG, F.G. 1974

## TAXONOMY/TAXINOMIE

BERRY, S.S. 1911, 1912 ROBSON, G.C. 1929 AKIMUSHKIN, I.I. 1963 SMITH, A.G. 1974A

## OCTOPUS RUBESCENS BERRY 1953

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPUS RUBESCENS BERRY 1953

JAMIESON, G.S., FRANCIS 1986

## MARINE

## REGIONS

PACIFIC/PACIFIQUE JAMIESON, G.S., FRANCIS 1986

## DISTRIBUTION/REPARTITION

JAMIESON, G.S., FRANCIS 1986

## ECOLOGY/ECOLOGIE

JAMIESON, G.S., FRANCIS 1986

## FISHERIES/PECHERIES

JAMIESON, G.S., FRANCIS 1986

## OCTOPUS VULGARIS CUVIER 1797

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPUS VULGARIS CUVIER 1797

STEPHEN, S.J. 1982(MS) WILSON, J.R., GORHAM 1982B

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHEN, S.J. 1982(MS)

PACIFIC/PACIFIQUE WILSON, J.R., GORHAM 1982B

## DISTRIBUTION/REPARTITION

STEPHEN, S.J. 1982(MS) WILSON, J.R., GORHAM 1982B

## FISHERIES/PECHERIES

WILSON, J.R., GORHAM 1982B

## SYSTEMATICS/SYSTEMATIQUE

STEPHEN, S.J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHEN, S.J. 1982(MS)

## TECHNIQUES

WILSON, J.R., GORHAM 1982B

## OCTOPUS SP.

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPUS SP.

QUAYLE, D.B. 1961(BMS) HOCHBERG, F.G. 1974 JONES, B.C., GEEN, 1977 STEPHEN, S.J.

1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHEN, S.J. 1982(MS)

PACIFIC/PACIFIQUE QUAYLE, D.B. 1961(BMS) HOCHBERG, F.G. 1974 JONES, B.C., GEEN,

1977

## DISTRIBUTION/REPARTITION

STEPHEN, S.J. 1982(MS)

## ECOLOGY/ECOLOGIE

JONES, B.C., GEEN, 1977

## FISHERIES/PECHERIES

QUAYLE, D.B. 1961(BMS)

## SYSTEMATICS/SYSTEMATIQUE

HOCHBERG, F.G. 1974 STEPHEN, S.J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHEN, S.J. 1982(MS)

## OCTOPOTEUTHIDAE

## OCTOPOTEUTHIS DELETRON YOUNG 1972

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPOTEUTHIS DELETRON YOUNG 1972

NESISKAN 1973B

## MARINE

## REGIONS

PACIFIC/PACIFIQUE NESISKAN 1973B

## DISTRIBUTION/REPARTITION

NESISKAN 1973B

## OCTOPOTEUTHIS SICULA RUPPEL 1844

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPOTEUTHIS SICULA RUPPEL 1844

CLARKE, M.R. 1966 MERCER, M.C. 1968 BERNARD, F.R. 1970A

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE CLARKE, M.R. 1966 MERCER, M.C. 1968

PACIFIC/PACIFIQUE MERCER, M.C. 1968 BERNARD, F.R. 1970A

## DISTRIBUTION/REPARTITION

CLARKE, M.R. 1966

MERCER, M.C. 1968

BERNARD, F.R. 1970A

## ECOLOGY/ECOLOGIE

CLARKE, M.R. 1966

## SYSTEMATICS/SYSTEMATIQUE

CLARKE, M.R. 1966

## TAXONOMY/TAXINOMIE

CLARKE, M.R. 1966

## OCTOPOTEUTHIS SP.

## NAMES APPLIED/NOMS EMPLOYES

## OCTOPOTEUTHIS SP.

STEPHEN, S.J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE STEPHEN, S.J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHEN, S.J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHEN, S.J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHEN, S.J. 1982(MS)

## 22 OCTOPOTEUTHIDAE

### TANINGIA DANAE JOUBIN 1931

NAMES APPLIED/NOMS EMPLOYES  
TANINGIA DANAE JOUBIN 1931  
MERCER.M.C. 1968

#### MARINE

##### REGIONS

ATLANTIC-ATLANTIQUE MERCER.M.C. 1968

##### DISTRIBUTION/REPARTITION

MERCER.M.C. 1968

## OCTYTHOIDE

### OCTYTHO TUBERCULATA RAFINESQUE 1814

NAMES APPLIED/NOMS EMPLOYES  
OCTYTHO TUBERCULATA RAFINESQUE 1814  
STEPHENS.J. 1982(MS)

#### MARINE

##### REGIONS

ATLANTIC-ATLANTIQUE STEPHENS.J. 1982(MS)

##### DISTRIBUTION/REPARTITION

STEPHENS.J. 1982(MS)

##### SYSTEMATICS/SYSTEMATIQUE

STEPHENS.J. 1982(MS)

##### TAXONOMY/TAXINOMIE

STEPHENS.J. 1982(MS)

## OMMASTREPHIDAE

### ILLEX COINDETTI (VERANY 1839)

NAMES APPLIED/NOMS EMPLOYES  
ILLEX ILLECEBRUS COINDETTI (VERANY 1839) AS ILLEX ILLECEBRONUS COINDETTI  
SERGEANT.D.E. FISHER 1957

#### MARINE

##### REGIONS

ATLANTIC-ATLANTIQUE SERGEANT.D.E. FISHER 1957

##### DISTRIBUTION/REPARTITION

SERGEANT.D.E. FISHER 1957

### ILLEX ILLECEBRUS (LESUEUR 1821)

NAMES APPLIED/NOMS EMPLOYES  
ILLEX ILLECEBRUS (LESUEUR 1821)  
WIIH VES.F.J. 1901B DALL.W.H. 1926 FROSTIN THOMPSON 1934 VLADYKOV.D.  
HOMANS 1936(MS) HOMANS.R.E. 1937(MS) HOMANS.R.E. NEEDLER 1946 ANON  
PUB STEVENSON.J.A. 1951(MS) ANON 1952 RONAYNE.M. 1955 TEMPLEMAN.W.  
FLEMING 1956 SERGEANT.D.E. FISHER 1957 SQUIRES.H.J. 1957B ANON 1958D 1959A  
1959E SQUIRES.H.J. 1957B BRUNEL.P. 1961H TIBBONS.E. ET AL. 1961 CLARKE.A.H. JR  
1962 PREFONTAINE.G. BRUNEL 1962 SERGEANT.D.E. 1962 ALDRICH.F.A. 1964(MS)  
HODDER.W.M. 1964 WILLIAMSON.G.R. 1964 ACKMAN.R.G. SIFOS 1965 JANGAARD.P.M.  
ACKMAN 1965 WILLIAMSON.G.R. 1965 CLARKE.M.R. 1966 SNEGROVCE.C. 1966(MS)  
SQUIRES.H.J. 1966C STALLWORTH.W.B. FENSON.M. 1966 TEMPLEMAN.W. 1966A  
LAKRILF.A. LU 1966B MERCER.M.C. 1968 1969 ROPEK.F.F. LU MANGOLD 1969  
BRINELP. 1970A MARTINAW. ALDRICH 1970 MERCER.M.C. 1970C BRADBURY.H.E.  
1971 BRADBURY.H.E. ALDRICH 1971 THREFFALL.W. ET AL. 1971 JUTKIEWICZ.L. ET  
AL. 1973 LIPINSKI.M. 1973A MERCER.M.C. 1973A 1973(BMS) 1973(CMS) 1973(DMS)  
RATHEYN.W.F. 1973 SUDA 1973 UCINSKI 1973 VOSS.G. 1973A MERCER.M.C.  
1974(MS) MERCER.M.C. PAULMIER 1974 PAULMIER.G. 1974(MS) FENNON.V.M.  
PUZHAKOV 1975(MS) ICHIKAWA.W. SATO 1975 MERCER.M.C. 1975 PAULMIER.G.  
MISNILB. 1975(MS) ROWE.L.L. MANGOLD 1975 BRINKHURST.R.O. LUKLETTET ET AL.  
1976 FROEMAN.Y.U.M. 1976(MS) ICHIKAWA.W. SATO 1976 PINOCHKA.T. (ED) 1976  
TAUKON.J. 1976(MS) HARE.G.M. 1977 MACALASTERE. 1977(MS) MISNILB. 1977  
ODDOR.R.K. DURWARD.BALCH 1977 AMARATUNGA.T. DURWARD. ET AL. 1978(MS)  
AMARATUNGA.T. ROBERGE. WOOD 1978A 1978(BMS) 1978(CMS) 1978(DMS) BEN-  
NETT.B.A. 1978 COLLINS.V.P. ENNIS 1978(MS) DURWARD.R.D. AMARATUNGA. O'DOR  
1978 ENNIS.G.P. 1978 HALL.R.A. ET AL. 1978 HIRTLE.R.W. ET AL. 1978 LIPINSKI  
1978(MS) 1978(BMS) MARIA. TERRE. DOMINGUEZ 1978(MS) MERDOW.B. 1978 MI-

NET.J.P. PERODOT 1978 NASH.D. 1978 NASH.D.M. ET AL. 1979 O'DOR.R.K. 1978  
PALMER.B.W. O'DOR 1978 ROWELL 1978 SCOTT.J.S. 1979 STEADMAN.B. 1978 WAL-  
DRON.D. 1978 WALDRON.D.E. 1978(MS) WALDRON.D.E. GRAY 1978(MS) AMARATUN-  
GAT. DURWARD 1979(MS) AMARATUNGA.T. ET AL. 1979(MS) AMARATUNGA.T. MC-  
QUINN 1979(MS) AMARATUNGA.T. NEILSON. ET AL. 1979 ARNOUD.P. 1979 BOT-  
T.J.R. ET AL. 1979 BOULVAJ.J. MCLEAREN 1979 BARKER.GASKIN 1979  
CADDY.J.F. 1979(MS) CAMPBELL.A. 1979 CLAYD 1979 DUPOUY.H. 1979(MS) DUR-  
WARD.R.D. AMARATUNGA. O'DOR 1979 DURWARD.R.D. VESSEY. ET AL. 1979(MS) EN-  
NIS.G.P. COLLINS 1979 FROEMAN.Y.U.M. 1979(MS) GEDULH.D. ROEMAN 1979  
HURLEY.V. BECK 1979A 1979(BMS) 1979(CMS) 1979(DMS) HIR-  
LEY.G.V. BECK. ET AL. 1979(MS) HURLEY.V. MOHN 1979(MS) HURLEY.V. WAL-  
DRON 1979(MS) KAWAHARA.S. 1979(MS) K.E.P.J. FIERHILLER. ET AL. 1979 K.E.P.J.  
WUWOWA FIERHILLER. 1979 LATECONNOUR 1979(MS) LIPINSKI 1979(MS)  
MARIA. VALDES. DOMINGUEZ 1979(MS) NAGAL.T. KAWAHARA 1979(MS) O'DOR.R.K.  
DURWARD 1979 O'DOR.R.K. DURWARD. ET AL. 1979(MS) SATO.C. 1979(MS) VINCIGRA-  
DOV.V.L. NORSKOV 1979 WALDRON.D.E. 1979(MS) 1979(BMS) 1979(CMS) AMARATUN-  
GAT. 1980(MS) 1980(BMS) AMARATUNGA.T. ROWELL. ROBERGE 1980(MS) BECK.P.C.  
ET AL. 1980(MS) DAWEE.G. BECK 1980(MS) DUPOUY.H. POLIARD 1980(MS) DUR-  
WARD.R.D. VESSEY. ET AL. 1980(MS) FEDULOV.P.P. AMARATUNGA 1980(MS) FROE-  
MAN.Y.U.M. 1980(MS) HATANAKAH. SATO 1980(MS) HURLEY.G.V. 1980A 1980(BMS)  
HURLEY.G.V. BECK 1980(MS) HURLEY.G.V. DAWEE 1980(MS) KOELLER.P.A. 1980(MS)  
LIPINSKI 1980(MS) MARIA. DOMINGUEZ 1980(MS) MAXIM.C. 1980(MS) 1980(BMS)  
MERCER.M.C. ET AL. 1980 MINET.J.P. DUPOUY. 1980(MS) NAGAL.T. UGZUM 1980  
1980(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1980 O'DOR.R.K. DUR-  
WARD. ET AL. 1980 O'DOR.R.K. VESSEY. AMARATUNGA 1980(MS) RIKHTER.V.A.  
GRINKOV. TUROK 1980(MS) ROBERGE.M. AMARATUNGA 1980(MS) WALDRON.D.E. SIN-  
CLAIR 1980(MS) YOUNG. ROBERGE 1982(MS) AMARATUNGA.T. 1982(MS) 1982(BMS)  
1982(MS) AMARATUNGA.T. BUDDEN 1981(MS) AMARATUNGA.T. ROBERGE  
1981(MS) BECK.P.C. ET AL. 1981(MS) BROWN.R.G.B. BARKER. ET AL. 1981 DAWEE.G.  
1981A 1981B DAWEE.G. BECK. ET AL. 1981 DAWEE.G. DREW 1981 DAWEE.G. HUR-  
LEY 1981(MS) DAWEE.G. LILLY. MOORES 1981(MS) DUPOUY.H. 1981(MS) DUPOUY.H.  
DERIBLE 1981(MS) FEDULOV.P.P. AMARATUNGA 1981(MS) FROEMAN.Y.U.M.  
FEDULOV. ET AL. 1981(MS) FROEMAN.Y.U.M. SHEVCHENKO. AMARATUNGA 1981(MS)  
GRINKOV.Y.S. RIKHTER 1981(MS) HATANAKAH. 1981(MS) 1981(BMS)  
HIRTLE.R.W.M. ET AL. 1981 JAMIESON.G.S. ET AL. 1981 KOELLER.P.A. LECRESLEY  
1981 MOHR.N.K. 1981(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1981  
RIKHTER.V.A. TUROK. GRINKOV 1981(MS) ROMERO.M.C.L. AMARATUNGA 1981(MS)  
WALLACE.I.C. ET AL. 1981 AMARATUNGA.T. 1982(MS) AMARATUNGA.T. BUDDEN  
1982(MS) AMARATUNGA.T. YOUNG. ROBERGE 1982(MS) BECK.P.C. ET AL. 1982(MS)  
COELHO.M. AMARATUNGA. DUPOUY 1982(MS) 1982(BMS) DUPOUY.H. 1982(MS)  
DUPOUY.H. ET AL. 1982(MS) DUPOUY.H. MINET 1982(MS) 1982(BMS) HATANAKAH  
1982(MS) KONOVALOFF. NIGMATULLIN 1982(MS) LEMON.D. KYRCROT 1982  
MOHR.N.K. 1982 NAGAL.T. KAWAHARA 1982(MS) NORTHWEST ATLANTIC FISHERIES  
ORGANIZATION 1982 O'DOR.R.K. BALCH. AMARATUNGA 1982(MS) O'DOR.R.K. BALCH  
ET AL. 1982 RIKHTER.V.A. TUROK. GRINKOV 1982(MS) SAMEOTO.D.D. 1982 SCAR-  
RETT.D.J. (ED) 1982 SIVAK.J.G. 1982 STEPHENS.J. 1982(MS) TEMPLEMAN.W. 1982  
THREFFALL.W. 1982 WILSON.J.R. GORHAM 1982A AMARATUNGA.T. 1982 BECK.P.C.  
ET AL. 1982(MS) ROLETOKY.S.V. HANLON 1982 BROWN.M. HALLIDAY 1982  
DY.J.F. 1982 DAWEE.G. LILLY. DREW 1982(MS) DUPOUY.H. 1982(MS) DUPOUY.H. DE-  
RIBLE 1982(MS) HOCHBERG.F. 1983 HURLEY.G.V. ODENSE. ET AL. 1983(MS)  
JONES.G.M. O'DOR 1983 KAWAHARA.S. 1983(MS) K.E.P.J. CERVANTES. ET AL. 1983  
NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1983 O'DOR.R.K. 1983 RADYKEL.R.  
1983 RATHEYN.W.F. 1983 RIKHTER.V.A. GRINKOV. TUROK 1983(MS) ROWELL.T.W.  
BUDDEN 1983(MS) TRITES.R.W. 1983 VOSS.G.L. 1983 WALDRON.D.E. 1983(MS)  
WORKN. 1983 BURAKOV.R.N. ET AL. 1984(MS) COELHO.M. ROSENBERG 1984  
DAWE.G. MERCEY. DEMETZALL 1984 DEMETZALL 1984 HALLIDAY 1984  
1984(MS) FEDULOV.P.P. ET AL. 1984(MS) FROEMAN.Y.U.M. 1984(MS) 1984(BMS)  
FROEMAN.Y.U.M. DUBININA 1984(MS) LILLY.G.R. OSBOURNE 1984(MS) MATHER.J.A.  
O'DOR 1984 NIGMATULLIN.M.H. ET AL. 1984(MS) NORTHWEST ATLANTIC FISHERIES  
ORGANIZATION 1984 POLIARD.J.C. ET AL. 1984(MS) ROBERGE. WOOD 1984  
1984A ROWELL.T.W. BUDDEN 1984(MS) ROWELL.T.W. YOUNG 1984(MS) SAMEOTO.D.D.  
1984 COELHO.M. 1985 COELHO.M. MALET. O'DOR 1985 DAWEE.G. O'DOR. ET AL.  
1985 DREW.H. ET AL. 1985(MS) HATANAKAH. 1985(MS) HATANAKAH. KAWA-  
HARA. ET AL. 1985 HATANAKAH. LANGE AMARATUNGA 1985 MORRIS.C. ALDRICH  
1985 NICHOLS. O'DOR 1985 O'DOR.R.K. BALCH 1985 O'DOR.R.K. BALCH. FOY HELM  
1985 PAULY.D. 1985 ROWELL.T.W. 1985 ROWELL.T.W. BUDDEN 1985(MS) RO-  
WELL.T.W. TRITES 1985 ROWELL.T.W. YOUNG. ET AL. 1985(MS) WEBBER.D.M.  
O'DOR 1985 BECK.P.C. ET AL. 1985(MS) HALLIDAY 1985(MS) ROWELL.T.W.  
SCATTON 1985(MS) ROWELL.T.W. YOUNG 1986(MS)  
ILLEX ILLECEBRUS (LESUEUR 1821) AS ILLEX ILLECEBRONUS  
QUIGLEY.J.J. 1984  
ILLEX ILLECEBRUS (LESUEUR 1821) AS ILLEX ILLECEBRONUS  
ANON 1932 FROSTIN THOMPSON 1932 1933 CORBEIL.H.E. 1940B  
ILLEX ILLECEBRUS (LESUEUR 1821) AS ILLEX ILLECEBRONUS  
STAFFORD 1912B 1912C 1912D DETWEILER.J.D. 1915





## ILLEX ILLECEBROSUS (LESUEUR 1821) - Cont'd.

## DISTRIBUTION REPARTITION

- DAWSON J.W. 1858A. WHITEVEES,F.J. 1860A. VERRILL,E.A. 1873A. VERRILL,E.A. ET AL. 1873. DALL,W.H. 1879C. VERRILL,E.A. 1880-1881. BUSH,K.I. 1883. WINSLOW,F. 1883. GANONG,W.F. 1889. PROVANCHER,1891A. PFEFFER,G. 1892. DE CHAMPLAINA. 1925. WHITEVEES,F.J. 1910B. SCHMITT,J. 1940A. HALKETTA. 1907. PFEFFER,G. 1912. STAF-FORD,J. 1912B. 1912C. 1912D. DETWEILER,J.D. 1915. DALL,W.H. 1926. JOHANSEN,1926B. FROSTIN, THOMPSON. 1932. 1933. STEVENSON,J.A. 1951A(MS). QUILLEY,J.J. 1951B. ANON. 1958. ALDRICH,F.A. 1964(MS). HODDER,V. 1964. MERCEUR,M.C. 1965(MS). NTL 1962. ALDRICH,F.A. 1964(MS). HODDER,V. 1964. MERCEUR,M.C. 1965(MS). CLARKE,R.M. 1966. MERCEUR,M.C. 1966. ROPE,R.C.F. 1967. MANGOLD. 1969. BRUNEL,P. 1970A. MERCEUR,M.C. 1970(MS). SUDAA. 1973. UCINIS,K.J. 1973. VOSS,G.L. 1973. MER-CEUR,M.C. PAULMER,M.C. 1973(MS). FROERMAN,Y.U. 1976(MS). TAUBRON,J. 1976(MS). MACALASTER,E. 1977(MS). SCOTT,J.S. 1978. AMARATUNGAT. 1980A(MS). 1979(MS). ARNOLD,G.F. 1979. DUPOUY,H. 1979(MS). AMARATUNGAT. 1980A(MS). 1980B(MS). BECK,P.C. ET AL. 1980A(MS). FEDULOV,P.P. FROERMAN,Y.U. 1980(MS). ODOR,K.K. Y-FAY. AMARATUNGAT. 1981A. RIKHTER,V.A. GRINKOV,T. 1980(MS). AMARA-TUNGAT. 1981A. 1981B(MS). AMARATUNGAT. BUDDEN. 1981(MS). BECK,P.C. ET AL. 1981(MS). DUPOUY,H. 1981(MS). GRINKOV,Y.S. RIKHTER. 1981(MS). KOELLER,P.A., LE-CRESLEY. 1981. RIKHTER,V.A. FUKOR, GRINKOV. 1981(MS). AMARATUNGAT. 1982(MS). BECK,P.C. ET AL. 1982(MS). DUPOUY,H. 1982(MS). RIKHTER,V.A. FUKOR, GRINKOV. 1982(MS). SCARRETT,D.J. 1982. STEPHENS,J. 1982(MS). WILSON,J.R. CORHAM. 1982A. AMARATUNGAT. 1983. BECK,P.C. ET AL. 1983(MS). CADDY,J.P. 1983. ODOR,K.K. RIKHTER,V.A. GRINKOV, TUKOR. 1983(MS). TRITES,R. 1983. COELHO,M.L. RO-SENBERG. 1984. FROERMAN,Y.U. DUBINIA. 1984(MS). ROPE,R.C.F., SWENEY, NAUEN. 1984. ROWELL,T.W. YOUNG. 1984(MS). SAMEOTD.D. 1984. COELHO,M.L. ROSENBERG. 1984. HATANAKAH, KAWAHARA. ET AL. 1985. HATANAKAH, LANGE. AMARATUNGAT. 1985. ODOR,K.K. BALCH. 1985. ODOR,K.K. BALCH, FOY. HELM. 1985. ROWELL,T.W. 1985. ROWELL,T.W. 1985. ROWELL,T.W. YOUNG, ET AL. 1985B. BECK,P.C. ET AL. 1986(MS). HALLIDAY,R.G. ET AL. 1986.

## ECOLOGY/ECOLOGIE

- VERRILL,E.A. 1880-1881. BAIRD,S. 1889. DE CHAMPLAINA. 1925. VLYADYKOV,V.D., HO-MANS. 1936(MS). HOMANS,R.E. 1977A(MS). HOMANS,R.E. N. 1977B. F. 1977C. BLAY,J.-L. 1984A. ANON. 1951B. 1952C. CORRELL,H.E. 1953A. 1954B. RONAINEY. 1955. SERGEANT,D.E. FISHER. 1957. SQUIRES,H.J. 1957B. ANON. 1958D. TIBBOS,N. ET AL. 1961. SERGEANT,D.E. 1962. MERCEUR,M.C. 1965(MS). CLARKE,R.M. 1966. LIPINSKI,M. 1973. MERCEUR,M.C. 1973(MS). VOSS,G.L. 1973. MERCEUR,M.C. 1974(MS). PAULMER,M.C. 1974. EFANOV,V.M. PUZHAKOV. 1975(MS). MERCEUR,M.C. 1975. MA-CALASTER. 1977(MS). ENNIS,G.P. 1978. MINET,J.P. PERODOL. 1978. AMARATUNGAT. NELSON, ET AL. 1979. ARNOLD,G.F. 1979. BOULVAJ, MCLEAREN. 1979. BROWN,R.K. BARKER, GASKIN. CADDY,J.P. 1979A(MS). ENNIS,G.P. COLLINGHAM. 1979. DOV,V.I. NOSKOV. 1979. AMARATUNGAT. 1980A(MS). MAXIME. 1980A(MS). MINET,J.P. DUPOUY. 1980(MS). AMARATUNGAT. 1981A. 1981B(MS). BROWN,R.K. BARKER. ET AL. 1981. DAWEE,G.E. LILLY. MOORES. 1981A(MS). MOHNR,K. 1981(MS). DUPOUY,H. ET AL. 1982(MS). SAMEOTD.D. TEMPLEMAN. 1982. AMARATUNGAT. 1983. CADDY,J.F. 1983. DAWEE,G.E. LILLY. DREW. 1983(MS). VOSS,G.L. 1983. WALDRON,D. 1983A(MS). DAWEE,G.E. MERCEUR, THRELFALL. 1984. FROERMAN,Y.U. 1984A(MS). LILLY,G.K. OSBOURNE. 1984(MS). NIGMATULLIN,CH.M. ET AL. 1984B(MS). SAMEOTD.D. 1984. COELHO,M.L. 1985. ODOR,K.K. BALCH, FOY, HELM. 1985.

## FISHERIES PECHERIES

- VERRILL,E.A. 1873A. 1880-1881. WINSLOW,F. 1883. GANONG,W.F. 1889. ANON. 1932. FROSTIN, THOMPSON. 1932. 1933. 1934. RONAINEY. 1955. TEMPLEMAN. W. FLEMING. 1958. ANON. 1958. ALDRICH,F.A. 1964. HODDER,V. 1964. MERCEUR,M.C. 1965(MS). QUILLEY,J.J. 1964. SNELGOVER,C.E. 1966(MS). TEMPLEMAN. W. 1966A. WOODLAND. B. 1966B. ANON. 1967A. MERCEUR,M.C. 1969. 1970C. TIKWICZKJ, ET AL. 1973. LIPIN-SKI. 1973. VOSS,G.L. 1973. MERCEUR,M.C. 1974(MS). PAULMER. 1974(MS). UCINIS. 1975. 1977. GOREV,E.A. 1978. MERCEUR,M.C. 1978. FROERMAN,Y.U. 1976(MS). ICHIKAWA, W. SATO. 1976. PINSHONAT. 1976. TAUCRON. 1976(MS). HAREG.M. 1977. AMARATUNGAT. 1978. GAT. DURWARD. ET AL. 1978(MS). HAREG.M. 1978. HAREG.M. 1978. 1978A(MS). 1978B(MS). COLLINS,P.W. ENNIS. 1978(MS). ENNIS,G.P. 1978. HALL,R.A. ET AL. 1978. LIPINSKI. 1978A(MS). MARLA, TERRE DOMINGUEZ. 1978(MS). WALDRON,D. 1978. WALDRON,D. 1978A(MS). WALDRON,D.E. GRAY. 1978(MS). AMARATUNGAT. ET AL. 1979(MS). AMARATUNGAT. MCQUINN. 1979(MS). ARNOLD,G.F. 1979. BOTTA. J. 11. AL. 1979. CAMPBELL. 1979. CLAY,D. 1979. DUPOUY,H. 1979(MS). FROERMAN,Y.U. 1979(MS). HURLEY,G.V. BECK. 1979B(MS). HURLEY,G.V. BECK. DREW. 1979(MS). HURLEY,G.V. BECK. ET AL. 1979. HURLEY,G.V. NODIN. 1979(MS). HURLEY,G.V. WALDRON. 1979(MS). KAWAHARA. 1979(MS). K.E.P.J. FIEHRELLER. ET AL. 1979. K.E.P.J. WOYEWOIDA. FIEHRELLER. 1979. LETACONNOUR,N. 1979(MS). LIPINSKI. 1979(MS). MARLA, VALDES. DOMINGUEZ. 1979(MS). NAGAIT, KAWAHARA. 1979(MS). SATO. 1979(MS). WALDRON,D. 1979A(MS). 1979B(MS). 1979C(MS). AMARATUNGAT. ROWELL. ROBERKE. 1980(MS). BECK,P.C. ET AL. 1980A(MS). DAWEE,G. BECK. 1980B(MS). DUPOUY,H. POULARD. 1980(MS). FROERMAN,Y.U. M. 1980(MS). HATANAKAH, SATO. 1980(MS). HURLEY,G.V. 1980A. 1980B(MS). HURLEY,G.V. DAWEE. 1980(MS). KOELLER,P.A. LIPINSKI. 1980(MS). MARLA, DOMINGUEZ. 1980(MS). MAXIME.

- 1980B(MS). MINET,J.P. DUPOUY. 1980A(MS). NAGAIT. UZUMI. 1980(MS). NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1980. RIKHTER,V.A. GRINKOV, TUKOR. 1980(MS). ROBERKE. 1980(MS). AMARATUNGAT. 1980A(MS). WALDRON,D.E. SINCLAIR. 1980(MS). YOUNG. J.M. 1980(MS). AMARATUNGAT. 1981A. 1981C(MS). 1981D(MS). AMARATUNGAT. BUDDEN. 1981A. DAWEE,G. BECK. ET AL. 1981. DAWEE,G. HURLEY. 1981(MS). DAWEE,G. LILLY. MOORES. 1981(MS). DUPOUY,H. 1981(MS). DUPOUY,H. DERIBLE. 1981(MS). FEDULOV,P. AMARATUNGAT. 1981(MS). FROERMAN,Y.U. FEDULOV. ET AL. 1981(MS). FROERMAN,Y.U. CLARKE. AMARATUNGAT. 1981(MS). BECK,P.C. ET AL. 1981(MS). 1981B(MS). HATANAKAH. 1981A(MS). 1981B(MS). JAMESONG. ET AL. 1981. KOEL-LE,R.P.A. LEGRESLEY. 1981. NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1981. RIKHTER,V.A. TUKOR, GRINKOV. 1981(MS). ROMERO,M.C.L. AMARATUNGAT. 1981(MS). AMARATUNGAT. 1982. ROBERKE. 1982(MS). BECK,P.C. ET AL. 1982(MS). DUPOUY,H. 1982(MS). DUPOUY,H. ET AL. 1982(MS). DUPOUY,H. MINET. 1982A(MS). 1982B(MS). HATANAKAH. 1982A(MS). KONOVALOV,I. NIGMATULLIN. 1982(MS). LEMON,D. RYCROFT. 1982. MOHNR,K. 1982. NAGAIT. KAWAHARA. 1982(MS). NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1982. RIKHTER,V.A. TUKOR. 1982(MS). SCARRETT,D.J. ET AL. (ED). 1982. WILSON,J.R. CORHAM. 1982A. AMARATUNGAT. 1982. 1983(MS). BROWN,B. HALLIDAY. 1983. CADDY,J.P. 1983. DAWEE,G. LILLY. DREW. 1983(MS). DUPOUY,H. 1983(MS). DUPOUY,H. DERIBLE. 1983(MS). KAWAHARA. 1983(MS). NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1983. RATHJEN,W. 1983. RIKHTER,V.A. GRINKOV, TUKOR. 1983(MS). ROWELL,T.W. BUDDEN. 1983(MS). VOSS,G.L. 1983. WORMS,J. 1983. COELHO,M.L. ROSENBERG. 1984. DAWEE,G. MERCEUR, THRELFALL. 1984. DREW,J.H. ET AL. 1984(MS). FEDULOV,P.P. ET AL. 1984(MS). FROERMAN,Y.U. 1984(MS). LILLY,G.K. OSBOURNE. 1984(MS). NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1984. POULARD,J.C. ET AL. 1984(MS). ROPE,R.C.F., SWENEY, NAUEN. 1984. ROWELL,T.W. BUDDEN. 1984(MS). ROWELL,T.W. YOUNG. 1984(MS). DREW,J.H. ET AL. 1985(MS). HATANAKAH, KAWAHARA. ET AL. 1985. HATANAKAH, LANGE. AMARATUNGAT. 1985A(MS). PAULY,D. 1985. ROWELL,T.W. BUDDEN. 1985(MS). ROWELL,T.W. TRITES. 1985. ROWELL,T.W. YOUNG. ET AL. 1985A(MS). 1985B. BECK,P.C. ET AL. 1986(MS). HALLIDAY,R.G. ET AL. 1986. ROWELL,T.W. SCAT-TOLON. 1986(MS). ROWELL,T.W. 1986(MS).

## LIFE HISTORY/CYCLE VIE

- ANON. 1932. MERCEUR,M.C. 1973B(MS). MESNIE,B. 1977. AMARATUNGAT. ROBERKE. WOOD. 1978A. DURWARD,R.D. VESSEY. ET AL. 1979(MS). ODOR,K.K. DURWARD. 1979. DURWARD,R.D. VESSEY. ET AL. 1980(MS). AMARATUNGAT. 1982(MS). ODOR,K.K. BALCH. 1982. AMARATUNGAT. 1982(MS). ODOR,K.K. BALCH. ET AL. 1982. AMARATUNGAT. 1983. BO-LESKY,S.V. HANLON. 1983. ODOR,K.K. 1983. TRITES,R. 1983. FROERMAN,Y.U. 1984B(MS). NIGMATULLIN,CH.M. ET AL. 1984(MS). COELHO,M.L. 1985. COELHO,M.L. MALLET. ODOR. 1985. HATANAKAH. 1985(MS). HATANAKAH, KAWAHARA. ET AL. 1985. ODOR,K.K. BALCH. 1985. PAULY,D. 1985. ROWELL,T.W. 1985. ROWELL,T.W. TRITES. 1985.

## MORPHOLOGY/MORPHOLOGIE

- VERRILL,E.A. 1873. VERRILL,E.A. 1880-1881. 1882A. WINSLOW,F. 1883. GANONG,W.F. 1889. PROVANCHER,1891A. PFEFFER,G. 1912. DE CHAMPLAINA. 1925. GANONG,W.F. 1955. HODDER,V. 1964. MERCEUR,M.C. 1965(MS). ALDRICH,F.A. 1964. MANGOLD,K. ET AL. 1969. MARTIN,A.W. ALDRICH. 1970. BRADBURY,H. 1971. BRADBURY,H. ALDRICH. 1971. MERCEUR,M.C. 1973(MS). COLLINGHAM. 1973. LINKEIT-TER. ET AL. 1976. STEADMAN,D.B. 1978. HURLEY,G.V. BECK. 1979A. 1980A. MER-CEUR,M.C. ET AL. 1980A. AMARATUNGAT. 1981D(MS). DAWEE,G.E. 1981B. AMARATUNGAT. 1982. 1982(MS). ODOR,K.K. BALCH. ET AL. 1982. SIVAK,J. 1982. JONES,G.M. 1982. KADTKER,J. 1983. ROWELL,T.W. YOUNG. 1984(MS). ODOR,K.K. BALCH. 1983. DAWEE,G. ODOR. ET AL. 1985. HATANAKAH. 1985(MS). MORRIS,C.C. ALDRICH. 1985. BECK,P.C. ET AL. 1986A(MS).

## PATHOLOGY/PATHOLOGIE

- SQUIRES,H.J. 1957B. MERCEUR,M.C. 1965(MS). BROWNEL, THRELFALL. 1968A. 1968B. THRELFALL,W. ET AL. 1971. LIPINSKI. 1971. THRELFALL,W. 1982. HOCHBERG,F. 1982. JONES,G.M. ODOR. 1983. DAWEE,G. MERCEUR, THRELFALL. 1984.

## PHYSIOLOGY/PHYSIOLOGIE

- SQUIRES,H.J. 1957B. MERCEUR,M.C. 1965(MS). WILLIAMSON,R. 1965. STALL-WORTHY,W.B. LENSOM. 1966. SQUIRES,H.J. 1967A. ROWE,V.L. MANGOLD. 1967. AMARA-TUNGAT. ROBERKE. WOOD. 1978A. DURWARD,R.D. AMARATUNGAT. ODOR. 1978. CEDUNDIG,D. ROBERKE. 1979. ROWELL,T.W. YOUNG. 1984(MS). ODOR,K.K. DURWARD. ET AL. 1980. HIRTLER,W. ET AL. 1981. WALLACE,C. ET AL. 1981. SIVAK,J. 1982. DEMONT,E. ODOR. 1984. WEBBER,D.M. ODOR. 1985.

## SYSTEMATICS/SYSTEMATIQUE

- VERRILL,E.A. 1880-1881. 1882A. PFEFFER,G. 1912. CLARKE,R.M. 1966. ALDRICH,F.A. 1964. ROPE,R.C.F. ET AL. MANGOLD. 1969. STEPHENS,J. 1982(MS). ROPE,R.C.F., SWENEY, NAUEN. 1984. 1. ANONYM. TAXINOMIA. 1984. VERRILL,E.A. 1880-1881. PROVANCHER,1891A. PFEFFER,G. 1912. CLARKE,R.M. 1966. MANGOLD,K. ET AL. 1969. ROPE,R.C.F. L. MANGOLD. 1969. BRINKHURST,R. LIN-KEITTER. ET AL. 1976. MACALASTER. 1977(MS). STEPHENS,J. 1982(MS). ROPE,R.C.F., SWENEY, NAUEN. 1984.

## TECHNIQUES

- DAWSON J.W. 1858A. FROSTIN, THOMPSON. 1934. TEMPLEMAN. W. FLEMING. 1956. ALDRICH,F.A. 1964(MS). SNELGOVER,C.E. 1966(MS). STALLWORTHY,W.B. FENSOM. 1966.

## ILLEX ILLEXBROSUS (LESUEUR 1821) - Cont'd.

JUTKIEWICZ, L. ET AL 1973 RATHJEN, W.F 1973 VOSS, G.L 1973 MERCER, M.C 1974(MS) O'DOR, R.K. DURWARD, BALCH 1977 LIPINSKIM 1978(MS) O'DOR, R.K 1978 ROWE, L 1978 SLEADMAN, D.B 1978 AMARATUNGA, T. DURWARD 1979(MS) ARNOLD, G.P 1979 CLAY, D 1979 FROEMAN, Y.U.M 1979(MS) GEDULIG, D. ROUKHAN 1979 HURLEY, G.V. BECK 1979a HURLEY, G.V. BECK, ET AL 1979(MS) HURLEY, G.V. MOHN 1979(MS) HURLEY, G.V. WALDRON 1979(MS) KAWAHARA, S. 1979(MS) O'DOR, R.K. DURWARD, ET AL 1979(MS) DAWE, E.G. BECK 1980(MS) FROEMAN, Y.U.M 1980(MS) HURLEY, G.V. 1980(MS) HURLEY, G.V. BECK 1980(MS) HURLEY, G.V. DAWE 1980(MS) NAGALT, UZUMKI 1980(MS) O'DOR, R.K. DURWARD ET AL 1980 DAWI, I. 1981B FROEMAN, Y.U.M. SHEVCHENKO, AMARATUNGA 1981(MS) HATANAKA, H. 1981(MS) KOMIKOM, C.L. AMARATUNGA 1981(MS) WALLACE, C.C. ET AL 1981 AMARATUNGA, T. BUDEN 1982(MS) COLLIHOM, L. AMARATUNGA, DUPOUY 1982(MS) 1982(MS) DUPOUY, H. MINET 1982(MS) MOHR, R.K 1982 NAGALT, KAWAHARA 1982(MS) SIVAK, J.G. 1982 WILSON, J.R. GORHAM 1982a AMARATUNGA, T. 1983 BOLETSKY, S.V. HANLON, C. CADDY, G.F. 1983 HURLEY, G.V. ODENSE, ET AL 1983(MS) K.E.F.J., CERVANTES, ET AL 1983 O'DOR, R.K 1983 RADTKE, R.L 1983 DAWE, E.G. MIER, J.R. 1983 FALL, 1984 DEAN, T.M.E. O'DOR 1984 COLLIHOM, L. MALLET, O'DOR 1985 DAWE, E.G. O'DOR, ET AL 1985 MORRIS, C.G. ALDRICH 1985 O'DOR, R.K. BALCH 1985 PAULY, D. 1985 ROWELL, T.W. 1985 WEBBER, D.M. O'DOR 1985

## ILLEX SP.

## NAMES APPLIED-NOMS EMPLOYES

## ILLEX SP.

ANON 1957B ALDRICH, F.A. LU 1968C ANON 1971G SMITH, G.J.D. GASKIN 1974 PINHORN, A.T. HALLIDAY 1975 HALLIDAY, R.G. PINHORN 1985

## MARINE

## REGIONS

ATLANTIC-ATLANTIQUE ANON 1957B ALDRICH, F.A. LU 1968C ANON 1971G SMITH, G.J.D. GASKIN 1974 PINHORN, A.T. HALLIDAY 1975 HALLIDAY, R.G. PINHORN 1985

## DISTRIBUTION/REPARTITION

## ANON 1957B

## ECOLOGY/ECOLOGIE

## SMITH, G.J.D. GASKIN 1974

## FISHERIES/PECHERIES

ANON 1971G PINHORN, A.T. HALLIDAY 1975 HALLIDAY, R.G. PINHORN 1985

## SYSTEMATICS/SYSTEMATIQUE

## ALDRICH, F.A. LU 1968C

## OMMASTREPHES BARTRAMI (LESUEUR 1821)

## NAMES APPLIED-NOMS EMPLOYES

## LOLIGO BARTRAMI (LESUEUR 1821) AS LOLIGO BARTRAMI

## GANONG, W.F 1885

## OMMASTREPHES BARTRAMI (LESUEUR 1821)

CLARKE, M.R 1966 BERNARD, F.R 1981 WILSON, J.R. GORHAM 1982a ROPEK, C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S. FRANCIS 1986 JEFFERTS, K 1986 OMMASTREPHES BARTRAMI (LESUEUR 1821) AS OMMASTREPHES BARTRAMI PROVANCHER, L. 1872 MERCER, M.C 1968 BERNARD, F.R 1980 BERNARD, F.R (ED.) 1982

## MARINE

## REGIONS

ATLANTIC-ATLANTIQUE PROVANCHER, L. 1872 GANONG, W.F 1885 CLARKE, M.R 1966

MERCER, M.C 1968 ROPEK, C.F.E., SWEENEY, NAUEN 1984

PACIFIC-PACIFIQUE CLARKE, M.R 1966 MERCER, M.C 1968 BERNARD, F.R 1980, 1981

BERNARD, F.R (ED.) 1982 WILSON, J.R. GORHAM 1982a ROPEK, C.F.E., SWEENEY, NAUEN

1984 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K 1986

## DISTRIBUTION/REPARTITION

PROVANCHER, L. 1872 GANONG, W.F 1885 CLARKE, M.R 1966 MERCER, M.C 1968 BERNARD, F.R 1980 WILSON, J.R. GORHAM 1982a ROPEK, C.F.E., SWEENEY, NAUEN, 1984

JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K 1986

## ECOLOGY/ECOLOGIE

CLARKE, M.R 1966 BERNARD, F.R 1980 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K

## 1986

## FISHERIES/PECHERIES

BERNARD, F.R 1981 BERNARD, F.R (ED.) 1982 WILSON, J.R. GORHAM 1982a ROPEK, C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K 1986

## MORPHOLOGY/MORPHOLOGIE

PROVANCHER, L. 1872 BERNARD, F.R 1980

## SYSTEMATICS/SYSTEMATIQUE

CLARKE, M.R 1966 ROPEK, C.F.E., SWEENEY, NAUEN 1984

## SYNONYMY/TAXINOMIE

CLARKE, M.R 1966 ROPEK, C.F.E., SWEENEY, NAUEN 1984

## TECHNIQUES

BERNARD, F.R 1980, 1981 WILSON, J.R. GORHAM 1982a JEFFERTS, K 1986

## OMMASTREPHES PTEROPUS STEENSTRUP 1855

## NAMES APPLIED-NOMS EMPLOYES

## ARCHITEUTHIS MEGAPTERA VERRILL 1878

VERRILLA, E. 1879e MACALASTER, E. 1977(MS)

OMMASTREPHES PTEROPUS STEENSTRUP 1855

STEPHENS, J. 1982(MS)

~111~ ARCHITEUTHIS MEGAPTERA (VERRILL 1878)

VERRILLA, E. 1882a

~111~ ARCHITEUTHIS PTEROPUS (STEENSTRUP 1855)

JOHNSON, C.W 1934

## MARINE

## REGIONS

ATLANTIC-ATLANTIQUE VERRILLA, E. 1879e, 1882a JOHNSON, C.W 1934 MACALASTER, E. 1977(MS) ~111~ PHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

VERRILLA, E. 1879e JOHNSON, C.W 1934 MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

## ECOLOGY/ECOLOGIE

MACALASTER, E. 1977(MS)

## MORPHOLOGY/MORPHOLOGIE

VERRILLA, E. 1882a

## SYSTEMATICS/SYSTEMATIQUE

VERRILLA, E. 1882a STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

## OMMASTREPHES SP.

## NAMES APPLIED-NOMS EMPLOYES

OMMASTREPHES SP. AS OMMASTREPHES CF. BARTRAMI

NESIS, K.N. 1973B

## MARINE

## REGIONS

PACIFIC/PACIFIQUE NESIS, K.N. 1973B

## DISTRIBUTION/REPARTITION

NESIS, K.N. 1973B

## ORNITHOTEUTHIS ANTILLARUM ADAM 1937

## NAMES APPLIED-NOMS EMPLOYES

ORNITHOTEUTHIS ANTILLARUM ADAM 1937

STEPHENS, J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC-ATLANTIQUE STEPHENS, J. 1982(MS)

## DISTRIBUTION/REPARTITION

STEPHENS, J. 1982(MS)

## SYSTEMATICS/SYSTEMATIQUE

STEPHENS, J. 1982(MS)

## TAXONOMY/TAXINOMIE

STEPHENS, J. 1982(MS)

## SYMPLECTOTEUTHIS LUMINOSA (SASAKI 1915)

## NAMES APPLIED-NOMS EMPLOYES

EUCLOTOTEUTHIS LUMINOSA SASAKI 1915

WILSON, J.R. GORHAM 1982a

SYMPLECTOTEUTHIS LUMINOSA (SASAKI 1915)

ROPEK, C.F.E., SWEENEY, NAUEN 1984

## 26 OMMASTREPHIDAE

SYMPLECTOTEUTHIS LUMINOSA (SASAKI 1915) - Cont'd.

### MARINE

#### REGIONS

PACIFIC/PACIFIQUE WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### DISTRIBUTION/REPARTITION

WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### FISHERIES/PECHERIES

WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### SYSTEMATICS/SYSTEMATIQUE

ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TAXONOMY/TAXINOMIE

ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TECHNIQUES

WILSON,J.R., GORHAM 1982A

## TODARODES PACIFICUS (STEENSTRUP 1880)

### NAMES APPLIED/NOMS EMPLOYES

TODARODES PACIFICUS (STEENSTRUP 1880)

MERCER,M.C. 1968 VOSS,G.L. 1973 WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

### MARINE

#### REGIONS

PACIFIC/PACIFIQUE MERCER,M.C. 1968 VOSS,G.L. 1973 WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### DISTRIBUTION/REPARTITION

MERCER,M.C. 1968 VOSS,G.L. 1973 WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### ECOLOGY/ECOLOGIE

VOSS,G.L. 1973

#### FISHERIES/PECHERIES

VOSS,G.L. 1973 WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### SYSTEMATICS/SYSTEMATIQUE

ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TAXONOMY/TAXINOMIE

ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TECHNIQUES

VOSS,G.L. 1973 WILSON,J.R., GORHAM 1982A

## TODARODES SAGITTATUS SAGITTATUS (LAMARCK 1798)

### NAMES APPLIED/NOMS EMPLOYES

OMMASTREPHES SAGITTATUS LAMARCK 1798

GOULD,A.A. 1870 WHITEAVES,J.F. 1887 PROVANCHER,L. 1890A. TAYLOR,G.W. 1895B

OMMASTREPHES TODARUS GRAY 1849

PACKARD,A.S. 1863

OMMASTREPHES SP. 45 OMMASTREPHES CF. TODARUS

PACKARD,A.S. 1867

### MARINE

#### REGIONS

ATLANTIC/ATLANTIQUE PACKARD,A.S. 1863, 1867 GOULD,A.A. 1870 PROVANCHER,L. 1890A

PACIFIC/PACIFIQUE WHITEAVES,J.F. 1887 TAYLOR,G.W. 1895B

#### DISTRIBUTION/REPARTITION

PACKARD,A.S. 1863, 1867 GOULD,A.A. 1870 WHITEAVES,J.F. 1887 PROVANCHER,L. 1890A

#### ECOLOGY/ECOLOGIE

TAYLOR,G.W. 1895B

#### MORPHOLOGY/MORPHOLOGIE

GOULD,A.A. 1870

## ONYCHOTEUTHIDAE

### MOROTEUTHIS ROBUSTA (VERRILL 1876)

#### NAMES APPLIED/NOMS EMPLOYES

MOROTEUTHIS ROBUSTA (VERRILL 1876)

VERRILL,A.E. 1876 BERRY,S.S. 1912 ANON 1957E AKIMUSHKIN,I.I. 1963

CLARKE,M.R. 1966 MERCER,M.C. 1968 BERNARD,F.R. 1970A YOUNG,R.E. 1972 NESISK,N. 1973B HOCHBERG,F.G. 1974 WILSON,J.R., GORHAM 1982A VAN DER SPOELS, HEYMAN 1983

MOROTEUTHIS ROBUSTA (VERRILL 1876) 45 MOROTEUTHIS ROBUSTUS

ROPER,C.F.E., SWEENEY, NAUEN 1984

OMMASTREPHES ROBUSTUS VERRILL 1876

VERRILL,A.E. 1876

ONYCHOTEUTHIS ROBUSTA (VERRILL 1876)

VERRILL,A.E. 1876-1880 DALL,W.H. 1899

### MARINE

#### REGIONS

ARCTIC/ARCTIQUE VERRILL,A.E. 1876 DALL,W.H. 1899 NESISK,N. 1973B

PACIFIC/PACIFIQUE VERRILL,A.E. 1876-1880, 1882A BERRY,S.S. 1912 ANON 1957E AKI-

MUSHKIN,I.I. 1963 CLARKE,M.R. 1966 MERCER,M.C. 1968 BERNARD,F.R. 1970A

YOUNG,R.E. 1972 HOCHBERG,F.G. 1974 WILSON,J.R., GORHAM 1982A VAN DER SP.

OELS, HEYMAN 1983 ROPER,C.F.E., SWEENEY, NAUEN 1984

#### DISTRIBUTION/REPARTITION

DALL,W.H. 1899 AKIMUSHKIN,I.I. 1963 CLARKE,M.R. 1966 MERCER,M.C. 1968 BERNARD,F.R. 1970A YOUNG,R.E. 1972 NESISK,N. 1973B WILSON,J.R., GORHAM 1982A

VAN DER SPOELS, HEYMAN 1983 ROPER,C.F.E., SWEENEY, NAUEN 1984

#### ECOLOGY/ECOLOGIE

ANON 1957E AKIMUSHKIN,I.I. 1963 CLARKE,M.R. 1966

#### FISHERIES/PECHERIES

WILSON,J.R., GORHAM 1982A ROPER,C.F.E., SWEENEY, NAUEN 1984

#### MORPHOLOGY/MORPHOLOGIE

VERRILL,A.E. 1876, 1879-1880, 1882A

#### SYSTEMATICS/SYSTEMATIQUE

VERRILL,A.E. 1879-1880, 1882A AKIMUSHKIN,I.I. 1963 CLARKE,M.R. 1966 HOCH-

BERG,F.G. 1974 ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TAXONOMY/TAXINOMIE

VERRILL,A.E. 1876, 1879-1880, 1882A BERRY,S.S. 1912 AKIMUSHKIN,I.I. 1963

CLARKE,M.R. 1966 ROPER,C.F.E., SWEENEY, NAUEN 1984

#### TECHNIQUES

WILSON,J.R., GORHAM 1982A

### MOROTEUTHIS SP

#### NAMES APPLIED/NOMS EMPLOYES

MOROTEUTHIS SP

LARKIN,P.A., RICKER 1964

### MARINE

#### REGIONS

PACIFIC/PACIFIQUE LARKIN,P.A., RICKER 1964

#### ECOLOGY/ECOLOGIE

LARKIN,P.A., RICKER 1964

#### MORPHOLOGY/MORPHOLOGIE

LARKIN,P.A., RICKER 1964

### ONYCHOTEUTHIS BANKSI (LEACH 1817)

#### NAMES APPLIED/NOMS EMPLOYES

ONYCHOTEUTHIS BANKSI (LEACH 1817)

BLEAKNEY,J.S. 1967 MERCER,M.C. 1968 ROPER,C.F.E., SWEENEY, NAUEN 1984

ONYCHOTEUTHIS BECKII (LICHTENSTEIN 1818) 45 ONYCHOTEUTHIS BECKII

DALL,W.H. 1873

### MARINE

#### REGIONS

ATLANTIC/ATLANTIQUE BLEAKNEY,J.S. 1967 MERCER,M.C. 1968 ROPER,C.F.E., SW-

EENEY, NAUEN 1984

ARCTIC/ARCTIQUE DALL,W.H. 1873

PACIFIC/PACIFIQUE MERCER,M.C. 1968

#### DISTRIBUTION/REPARTITION

DALL,W.H. 1873 MERCER,M.C. 1968 ROPER,C.F.E., SWEENEY, NAUEN 1984

#### ECOLOGY/ECOLOGIE

BLEAKNEY,J.S. 1967

#### FISHERIES/PECHERIES

ROPER,C.F.E., SWEENEY, NAUEN 1984

## ONYCHOTEUTHIS BANKSI (LEACH 1817) - Cont'd.

## MORPHOLOGY/MORPHOLOGIE

DALL,W.H. 1873

## SYSTEMATICS/SYSTEMATIQUE

ROPER,C.F.E., SWEENEY, NAUEN 1984

## TAXONOMY/TAXINOMIE

ROPER,C.F.E., SWEENEY, NAUEN 1984

## ONYCHOTEUTHIS BOREALIJAPONICA OKADA 1927

## NAMES APPLIED/NOMS EMPLOYES

ONYCHOTEUTHIS BANKSI NON (LEACH 1817), AUCTORUM

AKIMUSHKIN,I.I. 1963

ONYCHOTEUTHIS BANKSI NON (LEACH 1817), AUCTORUM AS ONYCHOTEUTHIS BANKSI

BERNARD,F.R. 1970A. BIGG,M., MACASKIE 1972A(MS). VERMEER,K. 1979

ONYCHOTEUTHIS BANKSI BOREALIJAPONICA OKADA 1927 AS ONYCHOTEUTHIS BANKSI BO-

REALIJAPONICUS

NESIS,K.N. 1973B

ONYCHOTEUTHIS BOREALIJAPONICA OKADA 1927

BERNARD,F.R. 1980 BERNARD,F.R. (ED.) 1982. JAMIESON,G.S., FRANCIS 1986. JEF-

FERTS,K. 1986

ONYCHOTEUTHIS BOREALIJAPONICA OKADA 1927 AS ONYCHOTEUTHIS BOREALI-

JAPONICUS

BERNARD,F.R. 1970A. YOUNG,R.E. 1972. FOWLER,C.W. 1982. WILSON,J.R., GORHAM

1982A. SANGER,G.A. 1983. ROPER,C.F.E., SWEENEY, NAUEN 1984

ONYCHOTEUTHIS FUSIFORMIS GABB 1862

CARPENTER,P.P. 1864A. TAYLOR,G.W. 1895B

## MARINE

## REGIONS

ARCTIC/ARCTIQUE: NESIS,K.N. 1973B

PACIFIC/PACIFIQUE: CARPENTER,P.P. 1864A. TAYLOR,G.W. 1895B. AKIMUSHKIN,I.I. 1963

BERNARD,F.R. 1970A. BIGG,M., MACASKIE 1972A(MS). YOUNG,R.E. 1972. VERMEER,K.

1979 BERNARD,F.R. 1980 BERNARD,F.R. (ED.) 1982. FOWLER,C.W. 1982. WILSON,J.R.,

GORHAM 1982A. SANGER,G.A. 1983. ROPER,C.F.E., SWEENEY, NAUEN 1984. JAMIE-

SON,G.S., FRANCIS 1986. JEFFERTS,K. 1986

## DISTRIBUTION/REPARTITION

CARPENTER,P.P. 1864A. TAYLOR,G.W. 1895B. AKIMUSHKIN,I.I. 1963 BERNARD,F.R.

1970A. YOUNG,R.E. 1972. NESIS,K.N. 1973B BERNARD,F.R. 1980 WILSON,J.R., GORHAM

1982A. ROPER,C.F.E., SWEENEY, NAUEN 1984. JAMIESON,G.S., FRANCIS 1986. JEF-

FERTS,K. 1986

## ECOLOGY/ECOLOGIE

AKIMUSHKIN,I.I. 1963. BIGG,M., MACASKIE 1972A(MS). VERMEER,K. 1979. BER-

NARD,F.R. 1980. FOWLER,C.W. 1982. SANGER,G.A. 1983. JAMIESON,G.S., FRANCIS 1986

JEFFERTS,K. 1986

## FISHERIES/PECHERIES

BERNARD,F.R. 1980 BERNARD,F.R. (ED.) 1982. WILSON,J.R., GORHAM 1982A. ROP-

ER,C.F.E., SWEENEY, NAUEN 1984. JAMIESON,G.S., FRANCIS 1986. JEFFERTS,K. 1986

## MORPHOLOGY/MORPHOLOGIE

BERNARD,F.R. 1980

## SYSTEMATICS/SYSTEMATIQUE

AKIMUSHKIN,I.I. 1963. ROPER,C.F.E., SWEENEY, NAUEN 1984

## TAXONOMY/TAXINOMIE

AKIMUSHKIN,I.I. 1963. ROPER,C.F.E., SWEENEY, NAUEN 1984

## TECHNIQUES

BERNARD,F.R. 1980. WILSON,J.R., GORHAM 1982A. JEFFERTS,K. 1986

## ONYCHOTEUTHIDAE GENUS INCERTUM

## ONYCHOTEUTHIS SP

## NAMES APPLIED/NOMS EMPLOYES

ONYCHOTEUTHIS SP

PIKE,G.C., MACASKIE, CRAIG 1965(MS)

## MARINE

## REGIONS

PACIFIC/PACIFIQUE PIKE,G.C., MACASKIE, CRAIG 1965(MS)

## ECOLOGY/ECOLOGIE

PIKE,G.C., MACASKIE, CRAIG 1965(MS)

## OPISTHOTEUTHIDAE

## OPISTHOTEUTHIS CALIFORNIANA BERRY 1949

## NAMES APPLIED/NOMS EMPLOYES

OPISTHOTEUTHIS CALIFORNIANA BERRY 1949

MERCER,M.C. 1968. NESIS,K.N. 1973B

## MARINE

## REGIONS

PACIFIC/PACIFIQUE: MERCER,M.C. 1968. NESIS,K.N. 1973B

## DISTRIBUTION/REPARTITION

MERCER,M.C. 1968. NESIS,K.N. 1973B

## SEPIIDAE

## \* SEPIA OFFICINALIS (LINNAEUS 1758)

## NAMES APPLIED/NOMS EMPLOYES

SEPIA OFFICINALIS (LINNAEUS 1758)

MACALASTER,E. 1977(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE: MACALASTER,E. 1977(MS)

## DISTRIBUTION/REPARTITION

MACALASTER,E. 1977(MS)

## ECOLOGY/ECOLOGIE

MACALASTER,E. 1977(MS)

## TAXONOMY/TAXINOMIE

MACALASTER,E. 1977(MS)

## \* SEPIA SP.

## NAMES APPLIED/NOMS EMPLOYES

SEPIA SP

SUTHERLAND,P.C. 1852

## MARINE

## REGIONS

ARCTIC/ARCTIQUE: SUTHERLAND,P.C. 1852

## ECOLOGY/ECOLOGIE

SUTHERLAND,P.C. 1852

## SEPIOLIDAE

## ROSSIA GLAUCOPSIS LOVEN 1845

## NAMES APPLIED/NOMS EMPLOYES

ROSSIA GLAUCOPSIS LOVEN 1845 AS ROSSIA GLAUCOPSIS

LEDOYER,M. 1975C

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE: LEDOYER,M. 1975C

## ECOLOGY/ECOLOGIE

LEDOYER,M. 1975C

## ROSSIA MEGAPTERA VERRILL 1881

## NAMES APPLIED/NOMS EMPLOYES

ROSSIA MEGAPTERA VERRILL 1881

VERRILLA,E. 1880-1881. JOHNSON,C.W. 1934. CLARKE,A.H. JR. 1962. MERCER,M.C. 1968

STEPHEN,S.J. 1982(MS)

## MARINE

## REGIONS

ATLANTIC/ATLANTIQUE: VERRILLA,E. 1880-1881. JOHNSON,C.W. 1934. CLARKE,A.H. JR.

1962. MERCER,M.C. 1968. STEPHEN,S.J. 1982(MS)

ARCTIC/ARCTIQUE: MERCER,M.C. 1968



## 28 SEPIOLIDAE

### ROSSIA MEGAPTERA VERRILL 1881 - Cont'd

#### DISTRIBUTION/REPARTITION

VERRILL, A.E. 1880-1881 JOHNSON, C.W. 1934 CLARKE, A.H. JR. 1962 MERCER, M.C. 1968 STEPHENS, J. 1982(MS)

#### MORPHOLOGY/MORPHOLOGIE

VERRILL, A.E. 1880-1881

#### SYSTEMATICS/SYSTEMATIQUE

VERRILL, A.E. 1880-1881 STEPHENS, J. 1982(MS)

#### TYPOLOGY/TAXINOMIE

VERRILL, A.E. 1880-1881 STEPHENS, J. 1982(MS)

### ROSSIA MOLLERI STEENSTRUP 1856

#### NAMES APPLIED/NOMS EMPLOYES

ROSSIA MOLLERI STEENSTRUP 1856 AS ROSSIA MOLLERI  
MERCER, M.C. 1968 WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

#### MARINE

#### REGIONS

ARCTIC/ARCTIQUE MERCER, M.C. 1968 WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

#### DISTRIBUTION/REPARTITION

MERCER, M.C. 1968 WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

#### ECOLOGY/ECOLOGIE

WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

### ROSSIA PACIFICA BERRY 1911

#### NAMES APPLIED/NOMS EMPLOYES

ROSSIA PACIFICA BERRY 1911  
BERRY, S.S. 1911, 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934 PRITCHARD, A.L., TESTER 1944 MAXWELL, B.E. 1952 SCHIEFFEL, R.V. 1959 AKIMUSHKIN, I.I. 1963 BARRACLOUGH, W.E., HERLINVAUX 1965(MS), MERCER, M.C. 1968 BERNARD, F.R. 1970A MARTIN, A.W., ALDRICH 1970 MCDANIEL, N.G. 1973 NEISKIN, 1973B HOCHBERG, F.G. 1974 FIELDS, W.G., THOMPSON 1976 BERNARD, F.R. 1978 MCDANIEL, N.G., LEVINGS, E.T. 1978 BERNARD, F.R. 1979B WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY 1982A NAUEN 1984

#### MARINE

#### REGIONS

ARCTIC/ARCTIQUE MERCER, M.C. 1968  
PACIFIC/PACIFIQUE BERRY, S.S. 1911, 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934 PRITCHARD, A.L., TESTER 1944 MAXWELL, B.E. 1952 SCHIEFFEL, R.V. 1959 AKIMUSHKIN, I.I. 1963 BARRACLOUGH, W.E., HERLINVAUX 1965(MS), MERCER, M.C. 1968 BERNARD, F.R. 1970A MARTIN, A.W., ALDRICH 1970 MCDANIEL, N.G. 1973 NEISKIN, 1973B HOCHBERG, F.G. 1974 FIELDS, W.G., THOMPSON 1976 BERNARD, F.R. 1978 MCDANIEL, N.G., LEVINGS, E.T. 1978 BERNARD, F.R. 1979B WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY, NAUEN 1984

#### BIOCHEMISTRY/BIOCHIMIE

MAXWELL, B.E. 1952

#### DISTRIBUTION/REPARTITION

BERRY, S.S. 1912 FRASER, C.M.C. 1932 CLEMENS, W.A. 1934 SCHIEFFEL, R.V. 1959 AKIMUSHKIN, I.I. 1963 BARRACLOUGH, W.E., HERLINVAUX 1965(MS), MERCER, M.C. 1968 BERNARD, F.R. 1970A NEISKIN, 1973B BERNARD, F.R. 1978 WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY, NAUEN 1984

#### ECOLOGY/ECOLOGIE

FRASER, C.M.C. 1932 PRITCHARD, A.L., TESTER 1944 AKIMUSHKIN, I.I. 1963 MCDANIEL, N.G. 1973 BERNARD, F.R. 1978 MCDANIEL, N.G., LEVINGS, E.T. 1978 BERNARD, F.R. 1979B

#### FINNERIES/PECHERIES

WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY, NAUEN 1984

#### MORPHOLOGY/MORPHOLOGIE

BERRY, S.S. 1911 MARTIN, A.W., ALDRICH 1970 FIELDS, W.G., THOMPSON 1976

#### SYSTEMATICS/SYSTEMATIQUE

AKIMUSHKIN, I.I. 1963 HOCHBERG, F.G. 1974 ROPER, C.F.E., SWEENEY, NAUEN 1984

#### TAXONOMY/TAXINOMIE

BERRY, S.S. 1911, 1912 AKIMUSHKIN, I.I. 1963 ROPER, C.F.E., SWEENEY, NAUEN 1984

#### TECHNIQUES

WILSON, J.R., GORHAM 1982A

### ROSSIA PALPEBROSA OWEN 1835

#### NAMES APPLIED/NOMS EMPLOYES

ROSSIA HYATTI VERRILL 1878  
VERRILL, A.E. 1880-1881, 1882A JOHNSON, C.W. 1934 BRUNEL, P. 1970A CADDY, J.F. 1970B LEDOYER, 1975A, 1975B, 1975C

#### ROSSIA PALPEBROSA OWEN 1835

OWEN, R. 1835, 1835 GREIG, J.A. 1909 MERCER, M.C. 1968 MACALASTER, E. 1977(MS)  
WACASEY, J.W., ATKINSON, GLASSPOOLE 1979 STEPHENS, J. 1982(MS)

#### ROSSIA SUBLEVIS VERRILL 1878

VERRILL, A.E. 1880-1881, 1882A WHITEAVES, J.F. 1901B

ROSSIA SUBLEVIS VERRILL 1878 AS ROSSIA SUBLEVIS

JOHNSON, C.W. 1934

#### MARINE

#### REGIONS

ATLANTIC/ATLANTIQUE VERRILL, A.E. 1880-1881, 1882A WHITEAVES, J.F. 1901B JOHNSON, C.W. 1934 MERCER, M.C. 1968 BRUNEL, P. 1970A CADDY, J.F. 1970B LEDOYER, 1975A, 1975B, 1975C MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)  
ARCTIC/ARCTIQUE OWEN, R. 1835 GREIG, J.A. 1909 MERCER, M.C. 1968 WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

#### DISTRIBUTION/REPARTITION

VERRILL, A.E. 1880-1881 WHITEAVES, J.F. 1901B GREIG, J.A. 1909 JOHNSON, C.W. 1934 MERCER, M.C. 1968 BRUNEL, P. 1970A CADDY, J.F. 1970B MACALASTER, E. 1977(MS)  
WACASEY, J.W., ATKINSON, GLASSPOOLE 1979 STEPHENS, J. 1982(MS)

#### ECOLOGY/ECOLOGIE

LEDOYER, 1975A, 1975B, 1975C MACALASTER, E. 1977(MS) WACASEY, J.W., ATKINSON, GLASSPOOLE 1979

#### MORPHOLOGY/MORPHOLOGIE

OWEN, R. 1835 VERRILL, A.E. 1880-1881, 1882A GREIG, J.A. 1909

#### SYSTEMATICS/SYSTEMATIQUE

OWEN, R. 1835 VERRILL, A.E. 1880-1881, 1882A STEPHENS, J. 1982(MS)

#### TAXONOMY/TAXINOMIE

OWEN, R. 1835 VERRILL, A.E. 1880-1881 WHITEAVES, J.F. 1901B MACALASTER, E. 1977(MS) STEPHENS, J. 1982(MS)

### ROSSIA SP.

#### NAMES APPLIED/NOMS EMPLOYES

ROSSIA SP.  
OWEN, R. 1835 ALDRICH, F.A., LU 1968B ATKINSON, E.G., WACASEY 1976 BERNARD, F.R. 1980 BOUTILLIER, J.A., HARLING 1985  
ROSSIA SP. AS ROSSIA CF. HYATTI  
BRUNEL, P. 1961H

#### MARINE

#### REGIONS

ATLANTIC/ATLANTIQUE BRUNEL, P. 1961H ALDRICH, F.A., LU 1968B

ARCTIC/ARCTIQUE OWEN, R. 1835 ATKINSON, E.G., WACASEY 1976

PACIFIC/PACIFIQUE BERNARD, F.R. 1980 BOUTILLIER, J.A., HARLING 1985

#### BIOCHEMISTRY/BIOCHIMIE

ATKINSON, E.G., WACASEY 1976

#### DISTRIBUTION/REPARTITION

BRUNEL, P. 1961H ALDRICH, F.A., LU 1968B BERNARD, F.R. 1980 BOUTILLIER, J.A., HARLING 1985

#### PHYSIOLOGY/PHYSIOLOGIE

ALDRICH, F.A., LU 1968B

#### TYPOLOGY/TAXINOMIE

OWEN, R. 1835

### SEMIOSSIA TENERA (VERRILL 1880)

#### NAMES APPLIED/NOMS EMPLOYES

ROSSIA TENERA (VERRILL 1880)  
HOYLE, W.E. 1986 BRUNEL, P. 1961H AKIMUSHKIN, I.I. 1963 BRUNEL, P. 1963B  
SEMIOSSIA TENERA (VERRILL 1880)  
JOHNSON, C.W. 1934 STEPHENS, J. 1982(MS) ROPER, C.F.E., SWEENEY, NAUEN 1984

#### MARINE

#### REGIONS

ATLANTIC/ATLANTIQUE HOYLE, W.E. 1986 JOHNSON, C.W. 1934 BRUNEL, P. 1961H AKIMUSHKIN, I.I. 1963 BRUNEL, P. 1963B STEPHENS, J. 1982(MS) ROPER, C.F.E., SWEENEY, NAUEN 1984

## SEMIROSSIA TENERA (VERRILL 1880) - Cont'd.

DISTRIBUTION/REPARTITION  
 HOYLE,W.E. 1886 JOHNSON,C.W. 1934 BRUNEL,P. 1963H AKIMUSHKIN,I.I. 1963 BRU-  
 NEL,P. 1963B STEPHENS,J. 1982(MS) ROPER,C.F.E., SWEENEY, NAUEN 1984  
 ECOLOGY/ECOLOGIE  
 AKIMUSHKIN,I.I. 1963  
 FISHERIES/PECHERIES  
 ROPER,C.F.E., SWEENEY, NAUEN 1984  
 SYSTEMATICS/SYSTEMATIQUE  
 AKIMUSHKIN,I.I. 1963 STEPHENS,J. 1982(MS) ROPER,C.F.E., SWEENEY, NAUEN 1984  
 TAXONOMY/TAXINOMIE  
 AKIMUSHKIN,I.I. 1963 STEPHENS,J. 1982(MS) ROPER,C.F.E., SWEENEY, NAUEN 1984

## STOLOTEUTHIS LEUCOPTERA (VERRILL 1878)

NAMES APPLIED/NOMS EMPLOYES  
 STOLOTEUTHIS LEUCOPTERA (VERRILL 1878)  
 MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 DISTRIBUTION/REPARTITION  
 MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 FISHERIES/PECHERIES  
 STEPHENS,J. 1982(MS)  
 SYSTEMATICS/SYSTEMATIQUE  
 STEPHENS,J. 1982(MS)  
 TAXONOMY/TAXINOMIE  
 STEPHENS,J. 1982(MS)

## SEPIOLIDAE GENUS INCERTUM

## ROSSIA SP.

NAMES APPLIED/NOMS EMPLOYES  
 ROSSIA SP.  
 MINET,J.P., PERODOU 1978  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE MINET,J.P., PERODOU 1978  
 ECOLOGY/ECOLOGIE  
 MINET,J.P., PERODOU 1978

## SPIRULIDAE

## SPIRULA SPIRULA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES  
 SPIRULA PERONII LAMARCK 1815  
 WILLIS,J.R. 1863B  
 SPIRULA SPIRULA (LINNAEUS 1758)  
 MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE WILLIS,J.R. 1863B MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 DISTRIBUTION/REPARTITION  
 WILLIS,J.R. 1863B MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 SYSTEMATICS/SYSTEMATIQUE  
 STEPHENS,J. 1982(MS)  
 TAXONOMY/TAXINOMIE  
 STEPHENS,J. 1982(MS)

## STAUROTEUTHIDAE

## GRIMPOTEUTHIS SP

NAMES APPLIED/NOMS EMPLOYES  
 GRIMPOTEUTHIS SP  
 MERCER,M.C. 1968  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE MERCER,M.C. 1968  
 DISTRIBUTION/REPARTITION  
 MERCER,M.C. 1968

## STAUROTEUTHIS SVRTENSIS VERRILL 1879

NAMES APPLIED/NOMS EMPLOYES  
 STAUROTEUTHIS SVRTENSIS VERRILL 1879  
 VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932 MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932 MERCER,M.C. 1968  
 STEPHENS,J. 1982(MS)  
 DISTRIBUTION/REPARTITION  
 VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932 MERCER,M.C. 1968 STEPHENS,J. 1982(MS)  
 MORPHOLOGY/MORPHOLOGIE  
 VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932  
 SYSTEMATICS/SYSTEMATIQUE  
 VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932 STEPHENS,J. 1982(MS)  
 TAXONOMY/TAXINOMIE  
 VERRILL,A.E. 1880-1881 ROBSON,G.C. 1932 STEPHENS,J. 1982(MS)

## TREMCTOPODIDAE

## TREMCTOPUS VIOLECEOUS VIOLECEOUS DELLE CHIAJE 1830

NAMES APPLIED/NOMS EMPLOYES  
 TREMCTOPUS VIOLECEOUS VIOLECEOUS DELLE CHIAJE 1830  
 STEPHENS,J. 1982(MS)  
 MARINE  
 REGIONS  
 ATLANTIC/ATLANTIQUE STEPHENS,J. 1982(MS)  
 DISTRIBUTION/REPARTITION  
 STEPHENS,J. 1982(MS)  
 SYSTEMATICS/SYSTEMATIQUE  
 STEPHENS,J. 1982(MS)  
 TAXONOMY/TAXINOMIE  
 STEPHENS,J. 1982(MS)

## 10 TREMCTOPUS SP.

NAMES APPLIED/NOMS EMPLOYES  
 PHILONEXIS SP  
 SUTHERLAND,P.C. 1852  
 MARINE  
 REGIONS  
 ARCTIC/ARCTIQUE SUTHERLAND,P.C. 1852  
 DISTRIBUTION/REPARTITION  
 SUTHERLAND,P.C. 1852

### 30 *FAMILIA INCERTA, GENUS INCERTUM*

#### FAMILIA INCERTA, GENUS INCERTUM

##### <sup>11</sup> *LOLIGO SEPIOLA LAMARCK 1799*

NAMES APPLIED/NOMS EMPLOYES  
LOLIGO SEPIOLA LAMARCK 1799  
SABINE E. 1824

##### *LOLIGO SEPIOLA LAMARCK 1799 - Cont'd.*

MARINE  
REGIONS  
ARCTIC/ARCTIQUE SABINE E. 1824  
DISTRIBUTION/REPARTITION  
SABINE E. 1824

##### *LOLIGO SP.*

NAMES APPLIED/NOMS EMPLOYES  
LOLIGO SP.  
GARDINER A.H. 1927 BIRKELAND C. 1974

MARINE  
REGIONS  
PACIFIC/PACIFIQUE GARDINER A.H. 1927 BIRKELAND C. 1974  
DEVELOPMENT/DEVELOPPEMENT  
GARDINER A.H. 1927  
ECOLOGY/ÉCOLOGIE  
BIRKELAND C. 1974

##### *OCOTOPUS SP.*

NAMES APPLIED/NOMS EMPLOYES  
OCOTOPUS SP.

HANNA G.D. HERTLEIN 1959 SPARKS A.K. PEREYRA 1966 WING B.L. REID 1972 ARMSTRONG J.W. ET AL 1976 FEDER H.M. JEWETT 1977 LEE J.C. BOURNE 1977 SMITH J. 1977 CALKINS D.G. 1978 BREEN P.A. 1980 LOWRY L.F. FROST 1981B PITCHER K.W. 1981 SAMEOTO D.D. 1982 SEAMAN G.A. ET AL 1982 HATCH S.A. 1983 SAUNDERS M.W. ET AL 1984 LEAMAN J.E. 1986 PINNOCTOPUS SP.  
DALL W.H. 1873

MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE SAMEOTO D.D. 1982  
ARCTIC/ARCTIQUE DALL W.H. 1873 SPARKS A.K. PEREYRA 1966 FEDER H.M. JEWETT 1977 LEAMAN J.E. FROST 1981B SEAMAN G.A. ET AL 1982  
PACIFIC/PACIFIQUE HANNA G.D. HERTLEIN 1959 WING B.L. REID 1972 ARMSTRONG J.W. ET AL 1976 LEE J.C. BOURNE 1977 SMITH J. 1977 CALKINS D.G. 1978 SMITH J.E. 1978, 1979 BREEN P.A. 1980 PITCHER K.W. 1981 HATCH S.A. 1983 SAUNDERS M.W. ET AL 1984 LEAMAN J.E. 1986  
DISTRIBUTION/REPARTITION  
DALL W.H. 1873 HANNA G.D. HERTLEIN 1959 SPARKS A.K. PEREYRA 1966 FEDER H.M. JEWETT 1977 LEE J.C. BOURNE 1977 SAUNDERS M.W. ET AL 1984  
ECOLOGY/ÉCOLOGIE  
WING B.L. REID 1972 ARMSTRONG J.W. ET AL 1976 LEE J.C. BOURNE 1977 CALKINS D.G. 1978 BREEN P.A. 1980 LOWRY L.F. FROST 1981B PITCHER K.W. 1981 SAMEOTO D.D. 1982 SEAMAN G.A. ET AL 1982 HATCH S.A. 1983  
FISHERIES/PÊCHERIES  
SMITH J. 1977 SMITH J.E. 1978, 1979 LEAMAN J.E. 1986  
MORPHOLOGY/MORPHOLOGIE  
DALL W.H. 1873

##### OMMASTREPHES SP

NAMES APPLIED/NOMS EMPLOYES  
OMMASTREPHES SP  
PACKARD A.S. 1863 TREMBLAY J.-L. 1948A POWLES P.M. 1958

MARINE  
REGIONS  
ATLANTIC/ATLANTIQUE PACKARD A.S. 1863 TREMBLAY J.-L. 1948A POWLES P.M. 1958  
DISTRIBUTION/REPARTITION  
PACKARD A.S. 1863  
ECOLOGY/ÉCOLOGIE  
TREMBLAY J.-L. 1948A POWLES P.M. 1958

## ANNOTATIONS

1. Fifteen nominal species have been named to the genus *Architeuthis*, but the systematics of the group is still thoroughly confused. Species identification should be withheld until a complete revision of the genus is available.

2. Validity of the species is uncertain. The genus *Brachioteuthis* is undergoing revision.

3. Validity of *Leachia lemur* is uncertain. The genus is undergoing revision.

4. *Alloteuthis media* is not a western Atlantic species. This record probably refers to *Illex illecebrosus* or *Loligo pealei*.

5. *Loligo forbesi* is not a western Atlantic species. The record probably refers to *Loligo pealei*.

6. *Illex coindettii* is not a Canadian species although it does occur as far north as 27° N in the western Atlantic. This record probably refers to *Illex illecebrosus*.

7. *Todarodes sagittatus sagittatus* is not a North American species. This identification probably combines records of *Illex* sp. and *Ommastrephes* sp.

8. *Sepia officinalis* is not a Canadian species. This record represents cuttlebone only.

9. *Sepia* does not occur in Canadian Arctic waters. This record probably refers to a Sepioidae.

10. *Tremoctopus* does not occur in Canadian Arctic waters. This record probably refers to an Octopodidae.

11. *Loligo sepiola* is a synonym of *Sepiola rondeleti*, a European species not found in Canadian waters. This record probably refers to a *Rossia* sp.

## ANNOTATIONS

1. *Architeuthis* contient 15 espèces nominales, mais le systematique de ce genre est encore bien embrouillé. Donc, on ne doit pas les identifier au niveau de l'espèce avant une revision consciencieuse du genre.

2. La validité de l'espèce est en question. Le genre *Brachioteuthis* est en cours d'une revision.

3. La validité de *Leachia lemur* est en question. Le genre est en cours d'une revision.

4. *Alloteuthis media* n'est pas une espèce de l'Atlantique occidental. Cette observation concerne probablement *Illex illecebrosus* ou *Loligo pealei*.

5. *Loligo forbesi* n'est pas une espèce de l'Atlantique occidentale. Cette observation concerne probablement *Loligo pealei*.

6. *Illex coindetti* se retrouve seulement jusqu'à 27° N dans l'Atlantique occidental et n'est pas une espèce canadienne. Cette observation concerne probablement *Illex illecebrosus*.

7. *Todarodes sagittatus sagittatus* n'est pas une espèce nord-américaine. Cette identification joint probablement des observations d'*Illex* sp. et d'*Ommastrephes* sp.

8. *Sepia officinalis* n'est pas une espèce canadienne. Cette observation signale seulement un os de seiche.

9. *Sepia* ne se trouve pas en eaux arctiques du Canada. Cette observation concerne probablement une espèce des Sépiolidés.

10. *Tremoctopus* ne se trouve pas en eaux arctiques du Canada. Cette observation concerne probablement une espèce des Octopodidés.

11. *Loligo sepiola* est synonyme de *Sepiola rondeleti*, une espèce européenne qu'on ne trouve pas au Canada. Cette observation concerne probablement une espèce de *Rossia*.





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ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CTENOPHORA CRUSTACEA ECHINODERMATA MOLLUSCA NEMATODORPHA NEMERTEA PORIFERA PYCNOGONIDA SPINCULA TUNICATA; NEWFOUNDLAND / ATLANTIC
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MOLLUSCA (CEPHALOPODA); PACIFIC
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MOLLUSCA (CEPHALOPODA); PACIFIC (VANCOUVER ISLAND)
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MOLLUSCA (CEPHALOPODA); PACIFIC (BRITISH COLUMBIA)
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CRUSTACEA ECHINODERMATA MOLLUSCA; ATLANTIC
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CRUSTACEA, ECHINODERMATA, MOLLUSCA, ATLANTIC (GULF OF ST. LAWRENCE)
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CRUSTACEA, MOLLUSCA, ATLANTIC
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CNIDARIA, CRUSTACEA, ECHINODERMATA, MOLLUSCA, PYCNOGONIDA, TUNICATA, ATLANTIC
- PREFONTAINE, G., BRUNEL, P.** 1962. LISTE D'INVERTEBRÉS MARINS RECUEILLIS DANS L'ESTUAIRE DU SAINT-LAURENT DE 1929 A 1934. NAT. CAN. (QUE.), 89:237-263, 1 FIG.  
ANNELIDA, BRACHIOPODA, BRYOZOA, CHALOGNATHA, CNIDARIA, CRUSTACEA, ECHINODERMATA, HEMIHOORDATA, MOLLUSCA, NEMERTEA, PRIAPULIDA, PYCNOGONIDA, SIPUNCULA, TUNICATA, ATLANTIC (GULF OF ST. LAWRENCE)
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CRUSTACEA, MOLLUSCA, PACIFIC
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CRUSTACEA, MOLLUSCA, PACIFIC
- PREST, J.** 1969(BMS). CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFINCH FISHERY ON THE PACIFIC COAST IN 1967. FISH. RES. BOARD CAN. MS REP. 1030:1-31, 1 FIG.  
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CNIDARIA, CRUSTACEA, MOLLUSCA, PACIFIC
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MOLLUSCA, QUÉBEC / ONTARIO / ATLANTIC
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MOLLUSCA (CEPHALOPODA), ATLANTIC
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MOLLUSCA (CEPHALOPODA), ATLANTIC
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MOLLUSCA (CEPHALOPODA), ATLANTIC
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MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)
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MOLLUSCA (CEPHALOPODA), ATLANTIC
- RIKHTEK, V.A., GRINKOVYUS, TUROK, V.F.** 1983(MS). DISTRIBUTION OF SOME GROUNDFINCH SPECIES AND SHORT-FINNED SQUID ON THE SCOTIAN SHELF SLOPE DURING THE 1982 FISHING SEASON FROM DATA OBTAINED BY USSR OBSERVERS. NORTHWEST ATL. FISH. ORGAN. SCR. DOC. 10(N658) 1-10, 9 FIG., 2 TAB.  
MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)
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MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)
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MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

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- RONAYNE, M.** 1955. SQUID HO? TRADE NEWS, DEP FISH CAN 7(8) 3-6, 20, 2 FIG.
- MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)
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- MOLLUSCA (CEPHALOPODA), ATLANTIC
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- MOLLUSCA (CEPHALOPODA), ATLANTIC
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- ANNELIDA CNIDARIA CRUSTACEA CTENOPHORA ECHINODERMATA MOLLUSCA PYCNOGONIDA, ARCTIC (CANADIAN ARCHIPELAGO)
- SAMEOTO, D.D.** 1982. ZOOPLANKTON AND MICRONEKTON ABUNDANCE IN ACOUSTIC SURVEILLING LAYERS ON THE NOVA SCOTIAN SLOPE. CAN J FISH AQUAT SCI 39 760-777, 4 FIG.
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- SAMEOTO, D.D.** 1984. ENVIRONMENTAL FACTORS INFLUENCING DIURNAL DISTRIBUTION OF ZOOPLANKTON AND ICHTHYOPLANKTON. J PLANKTON RES 6 767-792, 4 FIG.
- ANNELIDA CHAETOGNATHA CRUSTACEA MOLLUSCA TUNICATA, ATLANTIC (NOVA SCOTIA)

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- ANNELIDA BRIDZOZA CRUSTACEA ECHINODERMATA ECHIHURA MOLLUSCA, ARCTIC PACIFIC
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- MOLLUSCA (CEPHALOPODA), ATLANTIC
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- CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA, PACIFIC (BRITISH COLUMBIA)
- SCARRETT, D.J. (ED.). 1982. CANADIAN ATLANTIC OFFSHORE FISHERY ATLAS. CAN. SPEC. PUBL. FISH. AQUAT. SCI. 47(REVISED) 1-101, FIGS., MAPS.
- CRUSTACEA MOLLUSCA, ATLANTIC
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- ANNELIDA BRACHIOPODA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA NEMERTEA PLATYHELMINTHES PORIFERA, ALASKA / ARCTIC PACIFIC
- SCHMITT, J. 1904. MONOGRAPHIE DE L'ILE D'ANTICOSTI (GOLFE SAINT-LAURENT). LIBRAIRIE MATHÉMATIQUE A. HERMANN, PARIS 1-367, 46 FIG.
- ANNELIDA BRACHIOPODA CHAETOGNATHA CNIDARIA CRUSTACEA CTENOPHORA ECHINODERMATA MOLLUSCA NEMATODORPHIA NEMERTEA PORIFERA PYCNOGONIDA TUNICATA, QUEBEC / ATLANTIC
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- CRUSTACEA MOLLUSCA, PACIFIC (BRITISH COLUMBIA)
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- CRUSTACEA ECHINODERMATA MOLLUSCA, ARCTIC
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- CRUSTACEA MOLLUSCA, ATLANTIC ARCTIC
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National Museum of Natural Sciences  
Ottawa, Ontario K1P 6P4

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Musée national des sciences naturelles  
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